

AD-A113 178

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
BANGOR INTERNATIONAL/DOW AFB, MAINE. REVISED UNIFORM SUMMARY OF--ETC(U)  
NOV 81

UNCLASSIFIED

USAFETAC/DS-81/105

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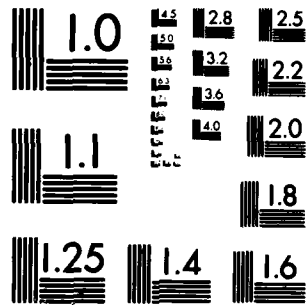
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

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USAFETAC  
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REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

LANGON FIELD MAINE / Dow AFB  
A 44 48 W 068 50 TLD EDV 202 FL 00R 1200 #14/01  
WAX #

PARTS A-F  
FOR FROM HOURLY OBS: JUN 73 - MAY 81

FOR FROM DAILY OBS: MAR 48 - OCT 49, MAR 51 - MAY 81

TIME CONVERSION GMT TO EST: -5

NOV 06 1981

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AWS Scientific and Technical  
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Bangor International, Dow AFB, Maine		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Bangor International, Dow AFB, Maine It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

DD FORM 1 JAN 73 1473

UNCLASSIFIED

19. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* Maine

\*

Dow AFB, Maine  
Bangor, Maine

20. and dew-point temperatures and relative humidity); and (F) Pressure  
Summary (means, standard, deviations, and observation counts of  
station pressure and sea-level pressure). Data in this report are  
presented in tabular form, in most cases in percentage frequency of  
occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

The station number 14601 is for Dow AFB. In January 1972, the station number and station name changed to Bangor International Airport with station number 14606. This product was produced under the station number 14601, but to match the USAFETAC Data Base, the station number 14606 applies.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are collected at fixed intervals of time, usually at one-hour intervals.

### DAILY OBSERVATIONS

Daily observations are collected at fixed intervals of time, usually at one-hour intervals, and are collected at fixed intervals of time, usually at one-hour intervals.

### DESCRIPTION OF SUMMARIES

The following section is a brief description of the data contained in each part of the revised uniform summary of surface weather observations. The number of observations and conditions are presented at the end of each summary, usually at the end of each summary.

The following are the following summaries and their respective parts:

#### PART A WEATHER CONDITIONS

##### ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

##### SNOWFALL

##### SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

##### SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

##### EXTREME MAX & MIN TEMP

##### PSYCHROMETRIC DRY VS WET BULB

##### MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

##### RELATIVE HUMIDITY

#### PART F STATION PRESSURE

##### SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0059, 0300-0359, 0600-0659, 0900-0959, 1200-1259, 1500-1559, 1800-1859, 2100-2359 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMP#
14601	BANGOR MAINE/DOW AFB	N 44 48	W 068 50	202 ft	BGR	

## STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARO.	
1	Dow Field	CAA	Dec 41	Mar 48	N 44 48	W 068 50	163 ft	165 ft	24
2	Same	AAF	Mar 48	Oct 49	Same	Same	Same	154 ft	24
3	Dow Field	Same	Oct 50	Apr 51	Same	Same	Same	154 ft	24
4	Dow Air Force Base	AFB	Apr 50	Feb 51	Same	Same	Same	Same	24
5	Same	Same	Mar 51	Apr 53	Same	Same	Same	Same	24
6	Same	Same	May 53	Mar 54	Same	Same	190 ft	162 ft	24
7	Same	Same	Apr 54	Mar 58	Same	Same	191 ft	Same	24
8	Same	Same	Apr 58	Mar 63	Same	Same	192 ft	Same	24
9	Same	Same	Apr 63	Jun 68	Same	Same	Same	158 ft	24
10	Same	Same	Jul 68	Dec 71	Same	Same	Same	Same	24
11	Bangor International Airport	NWS	Jan 72	Aug 81	Same	Same	Same	196 ft	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 41	Located in W annex of hangar 1.	Anemometer	N/A	60 ft	
2	May 53	Located approx 100 yds S of weather station.	GMQ-1	ML-204	N/A	
3	Apr 54	Located on platform atop the operations hangar (Bldg T-115)	Same	Same	60 ft	
4	Mar 57	Located on top hangar roof.	Same	Same	50 ft	
5	Apr 58	Located in temporary site at ground level in ramp area.	GMQ-11	RO-2	Surface	
6	Apr 60	Located approx 200 ft from corner of old runway 33 taxiway and parallel taxiway.	Same	RO-2A	13 ft	
7	Apr 61	Located adjacent to taxiway "L" between the temporary taxiway at	GMQ-11	RO-2A	13 ft	

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
3 )	Dec 71 1. 2.	the S end of the field connecting taxiway "L" and the active rnwy 33 and the run-up pad at the ex- treme end of the active rnwy 33. Same Ground Roof	Same GMQ-11 F 420	Same RO-2	Same 20 50	Station deactivated. (Dow AFB)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse



Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

USAF METEOROLOGICAL BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## WEATHER CONDITIONS

14-1 STATION BANGOR INTERNATIONAL 74-81 YEARS JAN MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-00		5.6	1.0	12.5		18.5	13.6	.5	2.2		16.3	744
	03-00		5.9	.7	13.5		19.8	15.5	1.3	1.7		17.8	743
	06-00		5.1	1.5	13.3		19.1	16.8	1.7	1.3		18.7	744
	09-11		4.6	1.6	13.5		19.5	15.1	2.2	1.3		17.5	743
	12-14		5.6	1.2	15.3		21.4	13.6	1.5	2.3		17.2	744
	15-17		5.6	1.1	13.8		20.0	16.1	.4	1.7		17.1	744
	18-20		6.2	.8	12.2		18.8	14.9		1.5		15.4	744
	21-23		6.2	.5	12.6		19.4	14.7	.3	1.6		15.5	744
TOTALS			5.6	1.1	13.3		19.6	15.0	1.0	1.7		17.2	5957

UNITED STATES  
 NATIONAL CLIMATOLOGY SERVICE  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

1.01 LANGOR INTERNATIONAL 74-81 FE.  
 STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	0-01		4.9	1.6	3.6		15.0	15.3	1.3	1.5		10.6	470
	02-03		6.3	1.6	7.6		15.5	14.9	1.3	.9		17.1	475
	04-05		5.2	.7	7.7		11.2	14.5	2.1	.6		16.1	673
	06-11		2.7	.4	9.1		11.8	12.5	2.2	.9		15.2	674
	12-14		2.5	.1	9.7		12.4	11.5	2.8	1.0		14.2	474
	15-17		2.7	.3	9.7		12.7	11.2	4.1	.9		14.7	674
	18-20		3.7	1.5	9.6		13.6	11.4	2.5	.9		14.4	675
	21-23		3.9	1.9	3.0		13.3	12.7	2.1	1.0		15.4	675
TOTALS			3.7	1.3	3.3		13.2	13.1	2.4	1.0		15.7	5418

CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE / MAC

## WEATHER CONDITIONS

147 1      DANGOR INTERNATIONAL      74-81      147  
 STATION      STATION NAME      YEARS      MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02	.1	8.6		6.5		14.9	17.2	.7	.8		17.1	744
	03-05	.3	9.0	.7	8.6		17.5	21.4	.8	.8		21.9	744
	06-08	.1	9.7		9.9		19.4	23.8	2.4	.7		25.3	744
	09-11		9.3	.4	9.4		18.3	19.4	3.2	1.3		23.3	744
	12-14		9.4		6.5	.1	15.2	14.5	1.9	1.1		17.2	744
	15-17		9.5		7.0		15.3	14.1	1.1	1.5		16.5	744
	18-20		9.4	.1	6.6		15.6	16.1	.5	.5		17.3	744
	21-23		9.0	.7	6.1		15.7	16.3	.5	1.2		17.5	743
TOTALS		.1	9.2	.2	7.6	.0	16.5	17.9	1.4	1.0		17.6	5951

U.S. AIR CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/ABC

## WEATHER CONDITIONS

14-012 LANCOR INTERNATIONAL 74-81 44-4  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	01-02		12.4	.4	2.1	.1	14.6	13.2	.7	.4		19.1	720
	03-05		11.7	.4	3.3		15.0	22.2	1.1	.4		22.4	720
	06-08		10.7	.7	4.2	.3	14.7	21.8	.4	.6		22.2	720
	09-11		11.0	.4	4.2		14.9	16.9	1.1	.6		17.9	720
	12-14		11.3		4.9		15.1	13.9	1.3	.3		14.9	720
	15-17		11.0		4.6		14.9	14.6	.6	.6		15.3	719
	18-20		13.2		3.8		16.5	16.7	1.5	.3		16.2	720
	21-23	.1	12.6	.3	2.6		14.7	17.6	1.3			16.5	720
TOTALS		.0	11.8	.3	3.7	.1	15.1	17.7	1.0	.4		16.6	5759

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

145 1 LANGOP INTERNATIONAL 74-81 MAY  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02	.4	12.6				12.6	76.2	3.0			25.9	744
	03-05	.1	13.2				13.2	32.0	4.6			34.6	744
	06-08		13.7		.3		13.7	27.7	5.6			31.3	744
	09-11		10.2				10.2	13.3	3.9			17.2	744
	12-14		11.0		.1		11.2	11.6	4.3			17.6	743
	15-17	.1	10.8				10.8	10.8	3.4			14.0	744
	18-20	.3	12.0		.1		12.1	15.8	3.6			15.7	742
	21-23	.1	11.5				11.5	24.2	3.0			26.6	741
TOTALS		.1	11.9		.1		11.9	20.2	4.3			23.4	5646

JOINT CLIMATOLOGY BRANCH  
 AFM TAC  
 AIR WEATHER SERVICE/440

## WEATHER CONDITIONS

1001  
 STATION

DANGOR INTERNATIONAL  
 STATION NAME

73-81

YEARS

JUN  
 MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	.4	13.2				13.2	35.1	7.8			41.3	720
	03-05	.1	14.6				14.6	39.6	8.9			45.7	720
	06-08	.3	13.3				13.3	33.9	8.8			40.0	720
	09-11	.6	11.7				11.0	19.9	9.9			27.8	720
	12-14	.1	12.1				12.1	12.2	7.9			19.3	720
	15-17	.3	9.7				9.7	11.4	7.1			17.9	720
	18-20	.4	9.2				9.2	15.8	6.4			21.4	720
	21-23	.7	12.1				12.1	24.7	8.2			30.0	720
TOTALS		.4	11.9				11.9	24.1	8.1			30.4	5760

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

## WEATHER CONDITIONS

1-001 HANGON INTERNATIONAL 73-8 JUL  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.8	5.8				9.8	31.7	11.4			37.9	744
	03-05	.5	8.6				5.6	38.0	12.6			43.7	744
	06-08	.4	8.6				8.6	31.0	14.5			39.8	744
	09-11		6.2				6.2	16.4	15.1			27.9	744
	12-14	.5	5.1				5.1	9.6	14.5			21.6	744
	15-17	.4	5.6				5.6	8.6	14.5			20.6	744
	18-20	1.5	6.9				6.9	14.4	13.2			23.7	744
	21-23	.7	6.3				6.3	21.4	15.3			31.5	744
TOTALS		.6	7.1				7.1	21.4	13.9			20.9	5952



11. CLIMATOLOGY BRANCH  
USAFETAC  
401 WEATHER SERVICE/MAC

## WEATHER CONDITIONS

14801 DANGER INTERNATIONAL 73-80 400  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
AUG	00-02	.3	7.9				7.9	34.2	9.7			39.1	743
	03-05	.3	8.2				8.2	39.8	10.1			42.5	744
	06-08	.1	7.3				7.3	35.9	11.0			41.8	744
	09-11		5.9				5.9	16.3	15.2			26.5	744
	12-14	.1	5.9				5.9	8.3	13.4			19.5	744
	15-17	.7	7.1				7.1	9.1	11.2			19.2	744
	18-20	.8	7.7				7.7	14.9	11.0			24.5	743
	21-23	.1	8.2				8.2	24.1	11.7			31.5	744
TOTALS		.3	7.3				7.3	22.6	11.7			30.6	5950

FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

14-001 LANGON INTERNATIONAL 73-80 SEE  
 STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.4	10.3				10.3	26.7	5.1			29.0	720
	03-05	.3	11.1				11.1	34.0	3.1			34.7	720
	06-08		10.8				10.8	32.4	2.8			33.8	720
	09-11	.1	7.6				7.6	16.8	5.3			21.3	720
	12-14		7.9				7.9	10.1	4.2			13.6	720
	15-17	.4	8.5				8.5	10.8	5.7			15.7	720
	18-20	.1	9.7				9.7	14.6	5.3			19.2	720
	21-23	1.0	10.4				10.4	20.3	4.2			22.8	720
TOTALS		.3	9.5				9.5	20.7	4.5			23.8	5760

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
ATTN: WEATHER SERVICE/MAC

## WEATHER CONDITIONS

14-001 CANCUN INTERNATIONAL 73-80 OCT  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		13.3		.4		13.7	23.3	2.4			24.7	744
	03-05		12.4		.4		12.8	25.6	2.2			26.5	743
	06-08		9.4		.4		9.7	25.8	2.2			26.5	743
	09-11		10.9		.9		11.6	17.2	3.5			19.4	744
	12-14		9.7		.4		10.1	11.7	2.6			14.0	744
	15-17		10.8				10.8	12.8	2.6			14.5	744
	18-20	.3	12.1		.3		12.4	15.1	2.6			16.7	744
	21-23	.1	11.4		.4		11.8	18.3	1.6			19.5	744
TOTALS		.1	11.3		.4		11.6	18.7	2.5			20.3	5950

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAL

## WEATHER CONDITIONS

14001 SANCOR INTERNATIONAL 73-80 NOV  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		11.4		3.3		15.6	22.4	1.0			27.1	720
	03-05		12.1		3.7		15.3	22.6	1.0			22.9	720
	06-08		11.7	.1	2.6		14.0	24.0	2.2	.3		25.4	720
	09-11		9.6	.1	2.9		12.4	20.0	2.6	.4		21.7	719
	12-14		8.9	.3	3.8		12.9	15.0	1.3	.4		16.4	720
	15-17		10.9	.6	2.5		13.6	15.3	.3	.4		16.4	720
	18-20		12.0		2.8		14.6	19.5	.8	.3		22.0	719
	21-23	.1	11.7		3.1	.1	14.6	20.1	1.7			21.5	720
TOTALS		.0	11.1	.1	3.2	.0	14.2	19.9	1.4	.2		20.9	5758

JOINT CLIMATE LOGISTICS BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

14-01 LANGOR INTERNATIONAL 73-50 DEC  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		7.1	.7	10.1		17.6	18.4	.9	1.5		20.5	744
	03-05		6.6	1.2	11.7		19.2	18.0	1.1	1.1		20.2	744
	06-08	.1	6.0	1.7	12.1		18.8	19.6	1.5	.5		21.2	744
	09-11		5.1	1.2	11.4		16.8	16.9	1.6	.9		18.1	744
	12-14		5.9	.9	9.5		16.1	12.9	1.9	1.3		15.2	744
	15-17		6.9	1.3	9.1		17.2	15.3	1.5	.4		16.8	744
	18-20		6.7	1.6	9.4		19.1	16.7	.7	1.1		17.7	744
	21-23		6.9	.5	10.1		19.0	17.1	.5	1.7		19.2	744
TOTALS		.0	6.9	1.1	10.4		18.0	16.9	1.2	1.1		18.7	5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

1971 HANSON INTERNATIONAL 73-81 ALL  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		5.6	1.1	13.3		19.6	15.0	1.0	1.7		17.2	5950
FEB			3.7	1.0	8.8		13.2	13.0	2.4	1.0		15.7	5418
MAR		.1	9.2	.2	7.6	.0	16.5	17.9	1.4	1.0		19.6	5951
APR		.0	11.8	.3	3.7	.1	15.1	17.7	1.0	.4		18.6	5759
MAY		.1	11.9		.1		11.9	20.2	4.0			23.4	5946
JUN		.4	11.0				11.9	24.1	8.1			30.4	5760
JUL		.6	7.1				7.1	21.4	13.9			30.9	5952
AUG		.3	7.3				7.3	22.6	11.7			30.6	5950
SEP		.3	9.5				9.5	20.7	4.5			23.8	5760
OCT		.1	11.3		.4		11.6	18.7	2.5			20.3	5950
NOV		.0	11.1	.1	3.2	.0	14.2	19.9	1.4	.2		20.9	5758
DEC		.0	6.9	1.1	10.4		18.0	16.9	1.2	1.1		16.7	5952
TOTALS		.2	8.9	.3	4.0	.0	13.0	19.0	4.4	.5		22.5	70106

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFD WEATHER SERVICE/MAC

XX  
WEATHER CONDITIONS  
XXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

14101      LANGON INTERNATIONAL      45-49, 51-P1      ALL  
STATION      STATION NAME      YEARS      MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.1	21.9	7.4	49.5	.2	56.9	37.2	15.1	7.5		45.5	923
FEB		.1	20.0	6.6	46.8		54.2	39.3	16.2	9.6		41.7	875
MAR		.7	29.2	4.5	41.8	.4	56.7	41.7	12.5	4.1		45.2	1011
APR		1.5	49.3	.9	18.0	1.1	52.5	44.2	12.4	.7		46.9	986
MAY		5.4	53.0		2.4	.8	51.9	47.9	16.7			50.3	1020
JUN		10.8	53.4			.9	51.8	52.6	30.6			53.3	760
JUL		14.6	50.3			.5	49.2	53.6	37.4			59.1	792
AUG		12.5	49.0			1.1	47.5	57.4	36.5			63.8	902
SEP		5.6	47.1		.1	.2	45.6	56.5	26.5			59.0	950
OCT		2.2	45.3		3.6	.3	45.6	48.5	19.7			50.7	985
NOV		.5	44.2	1.6	22.2	.1	54.1	49.1	12.4	1.0		50.9	930
DEC		.6	27.1	8.7	47.6		60.0	42.7	11.0	5.4		46.9	961
TOTALS		4.5	40.9	2.5	19.3	.5	52.2	47.6	20.6	2.4		51.7	11596



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

48-49, 51-81

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	42.7	18.6	3.9	6.1	4.5	9.1	8.1	5.2	1.8					38.7	930	3.45	7.64	.53
FEB	44.6	17.9	2.3	7.7	4.6	8.8	6.6	4.7	2.9					37.5	875	3.32	7.12	.71
MAR	42.1	19.8	3.8	8.3	4.5	6.2	6.4	5.3	1.4	.1				38.1	1011	3.23	7.14	.26
APR	46.1	16.7	2.5	7.7	4.9	8.7	7.5	3.9	2.0					37.3	990	3.12	5.01	.85
MAY	45.1	18.8	3.2	6.8	4.2	7.1	7.8	5.1	1.8	.1				36.1	1020	3.14	7.29	1.08
JUN	46.1	18.0	3.2	6.1	5.5	8.3	6.6	3.8	2.2	.1				35.8	960	3.05	7.00	1.06
JUL	48.3	17.9	3.3	6.5	4.7	7.2	5.3	4.0	2.3	.4				33.8	992	3.37	7.56	.04
AUG	51.0	15.1	3.8	7.1	5.1	6.6	5.3	4.0	1.8	.1				33.9	992	2.97	5.59	.71
SEP	53.1	14.0	2.9	5.7	4.2	7.3	5.5	5.4	1.6	.2	.1			32.9	960	3.41	9.03	.81
OCT	52.7	13.1	2.4	8.1	4.5	6.4	4.8	5.1	2.9					34.2	985	3.62	6.18	1.00
NOV	43.4	15.8	4.0	6.0	5.3	7.2	8.7	6.6	2.8	.2				40.8	930	4.45	9.84	1.01
DEC	39.1	18.8	3.3	9.9	5.7	8.4	7.0	4.4	2.9	.4				42.1	959	4.11	10.04	.93
ANNUAL	46.2	17.0	3.2	7.2	4.8	7.8	6.6	4.8	2.2	.1	.0			36.8	1160	441.24		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES PRECIPITATION

FROM DAILY OBSERVATIONS

14801  
STATION

BANGOR INTERNATIONAL  
STATION NAME

48-49, 51-81

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48			* .40	.75*	1.42	.94	.90	.59	.43	.82	1.87	1.17	
49	1.02	1.16	.66	.88	1.01	1.17	1.35	.44	.86*	.45			
51			* .71	.96	2.82	1.03	2.37	.59	.86	1.75	2.25*	.71	
52	.73	1.49	.71	.70	.63	1.17	.02	1.14	.74	1.46	.53	1.48	1.49
53	1.08	1.13	1.43	1.11	.73	1.11	2.84	.43	1.46	1.90	2.18	1.10	2.84
54	1.09	1.21	.75	1.09	.72	1.33	1.20	1.34	5.98	1.03	1.33	.88	5.98
55	.69	1.16	.58	.32	.61	.90	1.16	1.74	.34	1.45	.92	.27	1.74
56	.49	1.08	.83	.51	.84	.41	1.47	.44	.91	1.10	.95	.43	1.47
57	.72	.44	.61	.89	1.03	.71	.38	.55	.38	.62	.56	1.35	1.35
58	.85	1.08	.95	1.01	1.06	.70	2.66	1.32	1.12	1.42	1.40	.90	2.66
59	1.42	.84	1.16	1.93	.38	1.74	2.66	1.07	1.31	1.31	1.46	1.30	2.66
60	1.96	1.44	3.42	1.45	.88	.89	1.13	.24	2.66	1.85	.87	3.51	3.51
61	.99	1.26	1.00	.95	2.00	1.20	.86	.70	1.58	1.37	2.14	1.30	2.14
62	1.31	1.00	1.53	1.61	.34	.56	1.03	1.11	.98	1.72	2.11	2.66	2.66
63	1.28	1.34	.61	.65	.45	.36	1.12	.90	1.29	2.09	1.37	.84	2.09
64	.94	.69	.94	.66	.47	.52	1.15	1.13	.60	2.08	1.20	.88	2.08
65	.39	1.25	.06	1.10	.68	.24	.28	3.63	1.27	.74	.94	.43	3.63
66	1.15	.96	1.01	.44	.68	1.41	.90	.50	.78	.89	4.32	.98	4.32
67	.64	.82	.32	1.20	1.24	1.87	.72	.91	2.07	.63	.52	1.58	2.07
68	.65	1.61	.79	1.84	1.51	.96	.41	.82	.83	1.49	1.22	1.50	1.84
69	.71	1.88	1.86	1.34	.77	2.22	3.04	1.95	4.68	.81	3.53	3.21	4.68
70	.34	1.86	.70	1.34	1.14	1.47	.91	1.24	.57	.84	1.06	.86	1.86
71	.72	1.19	.69	.47	1.54	1.04	1.03	1.86	1.11	1.58	.65	.42	1.86
72		* .86	1.41	.70	1.02	2.72	.98	.62	1.86	1.28	1.11	1.17	
73	.66	1.50	.94	1.18	1.11	.62	2.12	1.81	1.16	1.61	.95	2.93	2.93
74	.38	.95	1.23	.92	1.08	1.01	.84	.46	1.28	.59	2.02	.79	2.02
75	.57	.49	1.13	1.16	.51	1.19	.64	.87	.96	1.60	1.56	1.95	1.95
76	1.74	1.29	.50	1.43	.66	.88	1.28	1.08	.28	1.53	.86	1.11	1.74
77	1.43	.84	1.25	.51	.58	1.96	.60	1.87	2.28	1.70	.72	1.41	2.28
78	2.32	1.08	1.06	.74	.78	1.11	.71	.57	.38	.81	.33	.45	2.32
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

USAF ETAC      FORM JUL 64      0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# \*\*\*\*\* EXTREME VALUES \*\*\*\*\* MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

48-49, 51-81

YEARS

## TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48			* 2.51	3.02*	6.32	3.14	2.18	.71	.81	2.52	6.25	3.55	
49	3.16	2.74	2.23	2.73	2.87	2.63	2.68	1.00	3.67*	1.00			
51			* 1.84	4.38	4.45	2.87	7.56	2.97	2.82	2.80	6.49*	2.48	
52	4.56	4.54	1.70	1.54	2.78	4.25	.04	3.19	2.99	3.50	1.79	5.39	36.27
53	4.48	3.69	7.14	4.79	2.95	4.28	6.00	2.26	3.65	6.18	3.80	3.54	52.76
54	4.30	3.26	3.47	2.71	3.98	2.36	4.78	3.91	9.03	3.43	3.95	4.83	50.01
55	2.69	4.72	2.66	1.38	2.37	2.59	2.60	4.33	1.15	2.96	3.21	.93	31.59
56	3.94	3.91	4.25	2.41	2.44	1.91	2.76	1.74	3.66	2.79	3.65	2.83	36.19
57	3.11	1.60	1.43	2.85	2.36	2.60	1.52	.88	1.52	1.43	3.90	4.44	27.64
58	5.75	3.76	3.89	4.65	4.12	2.93	6.08	3.70	3.54	5.49	4.08	2.03	50.02
59	4.40	3.27	5.29	3.28	1.08	5.16	4.61	3.69	2.86	6.07	7.88	4.32	51.91
60	4.76	5.69	4.88	3.23	3.76	2.11	3.86	1.01	4.44	3.11	3.00	6.69	46.54
61	1.80	3.31	2.99	5.01	7.29	1.88	2.47	.96	3.63	3.51	7.20	4.79	44.84
62	3.73	2.97	2.30	4.68	1.32	2.07	3.85	3.85	4.91	5.40	7.97	6.51	49.56
63	3.44	4.53	3.18	2.77	2.69	1.06	2.90	3.93	2.32	3.25	8.84	2.39	41.30
64	4.07	2.39	3.10	3.00	1.73	2.02	2.53	3.43	1.72	5.07	3.54	4.60	37.20
65	2.06	3.96	.26	2.93	1.93	1.07	1.03	5.35	2.17	3.44	4.51	1.88	30.59
66	4.73	2.35	3.71	.85	2.28	3.20	4.17	2.25	3.53	3.22	6.23	3.16	39.68
67	2.17	3.20	1.18	2.21	5.39	4.21	4.17	5.59	5.46	1.97	2.91	4.90	43.36
68	3.28	2.09	3.69	3.44	4.69	4.22	.65	2.43	2.11	4.09	5.55	5.96	42.20
69	2.93	7.12	3.33	3.44	2.81	4.69	6.57	3.81	7.21	1.76	8.28	10.04	61.99
70	.53	4.86	2.67	3.49	3.53	3.13	2.61	5.44	2.02	3.53	3.69	3.67	39.17
71	1.66	4.43	2.86	1.58	4.05	2.12	2.82	3.52	2.73	2.22	2.33	1.78	32.10
72		* 3.89	6.64	2.26	2.65	7.00	2.24	1.37	4.88	3.22	4.79	5.60	
73	2.71	3.39	2.86	4.07	4.40	2.33	4.45	5.18	3.18	4.04	2.64	8.44	47.69
74	2.05	1.85	3.79	4.33	4.87	2.78	3.41	2.70	3.45	1.29	4.86	2.19	37.57
75	2.76	1.58	3.32	1.80	1.40	3.21	2.27	1.58	5.01	4.55	4.77	5.42	37.67
76	4.81	3.47	1.59	4.56	3.46	2.42	4.97	3.39	1.27	4.23	1.88	3.44	39.49
77	2.68	2.62	3.91	2.23	1.39	6.11	1.15	4.51	5.71	5.52	2.31	4.75	42.89
78	7.42	1.41	2.70	2.33	2.41	3.57	1.17	1.26	1.29	3.41	1.01	1.74	29.72
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL A)  
JUL 64

**EXTREME VALUES**  
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS.

48-49, 51-81

YEARS

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC      FORM JUL 64      0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

48-49, 51-81

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	50.1	20.9	7.4	7.7	4.6	3.7	1.7	2.2	1.4	.3				29.0	930	19.2	45.1	2.1
FEB	52.5	18.5	7.2	9.0	3.5	2.4	2.2	2.5	1.1	.9	.1			29.0	876	19.4	40.5	3.3
MAR	57.3	20.0	7.8	6.1	3.0	1.5	1.3	1.3	1.4	.3	.1			22.7	1011	14.2	41.5	.2
APR	82.1	9.1	3.0	3.1	.4	1.3	.3	.2	.4					8.8	990	4.2	16.5	TRACE
MAY	97.7	1.6	.1	.3		.2	.1							.7	1020	.4	5.2	.0
JUN	100.0														960	.0	.0	.0
JUL	100.0														992	.0	.0	.0
AUG	100.0														991	.0	.0	.0
SEP	99.9	.1													960	TRACE	TRACE	.0
OCT	96.4	2.5	.2	.2	.1	.1	.2	.1	.1					1.0	985	.9	7.8	.0
NOV	78.6	13.1	2.4	2.6	1.1	.6	.4	.8	.3		.1			8.3	930	5.1	29.6	TRACE
DEC	52.2	20.4	8.3	8.1	3.6	2.1	1.1	2.3	1.4	.3		.1		27.4	961	17.5	47.5	1.8
ANNUAL	60.6	8.8	3.0	3.1	1.4	1.0	.6	.8	.5	.1	.0	.0		10.6	11606	60.9		



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

48-49, 51-81

YEARS

### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48			* 13.1	2.7*	.0	.0	.0	.0	.0	TRACE	TRACE	.8	
49	5.6	11.6	2.5	TRACE	.0	.0	.0	.0	.0*	.0			
51			* .6	TRACE	TRACE	.0	.0	.0	.0	.2	5.7	8.0	
52	4.5	21.5	5.2	TRACE	.0	.0	.0	.0	.0	TRACE	1.4	4.8	21.5
53	3.6	5.2	2.0	2.8	TRACE	.0	.0	.0	.0	TRACE	TRACE	3.1	5.2
54	9.2	12.1	4.4	1.0	.0	.0	.0	.0	.0	TRACE	6.2	6.3	12.1
55	7.0	11.6	5.0	TRACE	.0	.0	.0	.0	.0	TRACE	.4	2.7	11.6
56	4.1	10.8	8.3	2.6	TRACE	.0	.0	.0	.0	.0	6.9	4.3	10.8
57	7.0	5.3	3.6	8.3	TRACE	.0	.0	.0	.0	TRACE	.6	1.0	8.3
58	7.0	8.0	9.5	2.2	TRACE	.0	.0	.0	.0	TRACE	2.0	10.5	10.5
59	5.1	7.7	11.6	TRACE	.0	.0	.0	.0	.0	TRACE	8.5	7.1	11.6
60	13.9	14.4	3.1	2.0	.0	.0	.0	.0	.0	.0	TRACE	10.7	14.4
61	10.0	4.7	7.8	3.3	2.6	.0	.0	.0	.0	2.5	5.2	8.5	10.0
62	5.9	10.0	15.7	10.4	.0	.0	.0	.0	TRACE	7.8	18.9	25.5	25.5
63	10.8	13.4	6.3	1.3	3.8	.0	.0	.0	.0	5.0	.3	7.9	13.4
64	5.6	6.9	7.5	7.4	.0	.0	.0	.0	.0	.0	1.8	9.8	9.8
65	5.1	6.3	.4	3.5	.0	.0	.0	.0	.0	3.5	3.6	3.9	6.3
66	7.3	8.4	4.7	1.1	3.2	.0	.0	.0	.0	TRACE	.1	5.7	8.4
67	3.2	15.0	3.5	3.3	.3	.0	.0	.0	.0	.0	3.0	8.3	15.0
68	6.2	1.3	7.7	TRACE	TRACE	.0	.0	.0	.0	.0	.8	.5	7.7
69	.9	1.6	1.1	.1	.0	.0	.0	.0	.0	1.1	2.0	8.0	8.0
70	3.4	4.4	9.3	2.5	TRACE	.0	.0	.0	.0	4.0	1.5	7.5	9.3
71	2.0	6.1	8.3	4.4	.0	.0	.0*	.0	.0	.0	4.7	3.5	8.3
72		13.2	6.5	3.0	.0	.0	.0	.0	.0	.0	2.0	6.4	
73	8.8	4.4	.7	2.7	.0	.0	.0	.0	.0	.0	.3	3.3	8.8
74	2.8	1.9	4.4	5.5	.0	.0	.0	.0	.0	TRACE	5.4	2.0	5.5
75	4.8	5.4	6.0	10.0	.0	.0	.0	.0	.0	TRACE	5.2	8.7	10.0
76	4.8	4.2	7.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	9.9	9.9
77	10.0	6.3	8.6	1.4	TRACE	.0	.0	.0	.0	.0	.9	6.4	10.0
78	11.4	1.9	4.0	1.0	TRACE	.0	.0	.0	.0	.0	3.2	5.0	11.4
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM  
JUL 64

0-88-5 (OLA)

FORM 0-88-5 (OL A)  
JUL 64

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

48-49, 51-81

YEARS

## TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48			* 19.8	4.9*	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	
49	13.9	17.1	7.9	TRACE	.0	.0	.0	.0	.0*	.0			
51			* 1.2	TRACE	TRACE	.0	.0	.0	.0	.2	8.7	26.3	
52	21.6	38.6	7.7	TRACE	.0	.0	.0	.0	.0	TRACE	1.4	4.8	74.1
53	9.2	10.0	4.6	3.2	TRACE	.0	.0	.0	.0	TRACE	TRACE	3.5	30.5
54	37.6	23.0	18.3	1.3	.0	.0	.0	.0	.0	TRACE	6.5	20.0	106.7
55	27.2	29.3	16.9	TRACE	.0	.0	.0	.0	.0	TRACE	.4	8.7	82.5
56	15.2	28.9	41.5	4.6	TRACE	.0	.0	.0	.0	.0	11.9	16.6	118.7
57	28.6	13.5	4.9	10.9	TRACE	.0	.0	.0	.0	TRACE	.9	3.5	62.3
58	28.4	30.4	38.1	4.1	TRACE	.0	.0	.0	.0	TRACE	2.0	15.5	118.5
59	19.9	25.3	33.9	TRACE	.0	.0	.0	.0	.0	TRACE	14.1	19.0	112.2
60	27.9	31.5	10.6	2.0	.0	.0	.0	.0	.0	.0	TRACE	19.6	91.6
61	18.4	13.0	20.1	9.2	3.1	.0	.0	.0	.0	2.5	13.3	22.8	102.4
62	13.5	31.1	21.5	15.3	.0	.0	.0	.0	TRACE	7.8	24.6	47.5	161.3
63	28.9	38.1	25.8	4.0	5.2	.0	.0	.0	.0	7.2	.3	15.6	125.1
64	15.7	23.7	12.5	11.3	.0	.0	.0	.0	.0	.0	3.3	30.6	97.1
65	19.9	15.9	1.3	6.0	.0	.0	.0	.0	.0	3.5	12.7	10.0	69.3
66	45.1	14.4	7.1	1.1	4.0	.0	.0	.0	.0	TRACE	.1	17.7	89.5
67	11.8	30.7	9.5	4.6	.3	.0	.0	.0	.0	.0	5.3	21.9	84.1
68	21.1	3.3	14.2	TRACE	TRACE	.0	.0	.0	.0	.0	3.3	2.7	44.6
69	2.3	7.6	3.4	.1	.0	.0	.0	.0	.0	1.1	2.3	24.1	40.9
70	6.5	10.7	22.7	2.6	TRACE	.0	.0	.0	.0	4.2	1.6	42.1	90.4
71	10.6	27.7	28.2	6.2	.0	.0	.0*	.0	.0	.0	8.7	12.1	* 93.5
72		40.5	23.9	8.2	.0	.0	.0	.0	.0	.0	7.1	38.0	
73	16.7	21.1	.9	4.1	.0	.0	.0	.0	.0	.0	.3	4.8	47.9
74	8.8	4.7	5.7	16.5	.0	.0	.0	.0	.0	TRACE	5.8	5.7	47.2
75	23.3	8.4	13.2	12.7	.0	.0	.0	.0	.0	TRACE	5.4	29.0	92.0
76	14.3	14.7	16.8	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	27.5	73.3
77	19.5	21.1	14.5	1.8	TRACE	.0	.0	.0	.0	.0	.9	19.6	77.4
78	32.2	5.7	4.4	2.0	TRACE	.0	.0	.0	.0	.0	6.7	16.8	67.8
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

STATION NAME

48-49, 51-81

YEARS

## TOTAL MONTHLY SNOWFALL IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

0-88-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

48-49, 51-81

YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-2	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	11.9	5.9	8.0	7.4	5.6	15.6	22.7	20.5	2.0	.3				82.2	930				
FEB	11.3	1.5	9.3	5.1	8.6	16.5	18.2	18.7	7.4	3.1	.3			87.2	875				
MAR	28.9	5.3	8.2	8.9	6.1	9.3	14.0	10.7	5.6	2.5	.4			65.8	1011				
APR	79.1	9.1	4.4	1.9	1.6	2.3	1.5							11.8	990				
MAY	99.6	.1	.2			.1								.3	1020				
JUN	100.0														960				
JUL	100.0														992				
AUG	100.0														991				
SEP	100.0														958				
OCT	98.6	.7	.4		.1	.2								.7	985				
NOV	84.8	4.4	2.8	2.5	1.3	3.0	1.2							10.8	930				
DEC	32.9	13.6	9.1	7.3	6.0	13.3	11.6	5.9	.2	.1				53.5	961				
ANNUAL	70.6	3.4	3.5	2.8	2.4	5.0	5.8	4.6	1.3	.5	.1			26.0	11603				

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

48-49, 51-81 YEARS

## DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48		*	7	2*	0	0	0	0*	0	0	TRACE	1	
49	6	22	6	0	0	0	0	0	0*	0			
51		*	1	0	0	0	0	0	0	0	4	12	
52	12	31	23	0	0	0	0	0	0	0	1	4	31
53	2	5	2	1	0	0	0	0	0	0	0	0	5
54	13	17	6	5	0	0	0	0	0	0	TRACE	8	19
55	20	29	9	0	0	0	0	0	0	0	0	6	29
56	9	26	31	12	0	0	0	0	0	0	6	6	31
57	16	6	4	7	0	0	0	0	0	0	TRACE	1	18
58	8	23	24	1	0	0	0	0	0	0	1	12	24
59	11	20	22	TRACE	0	0	0	0	0	0	7	13	22
60	21	19	13	TRACE	0	0	0	0	0	0	0	8	21
61	16	10	14	2	1	0	0	0	0	TRACE	7	17	17
62	8	21	21	4	0	0	0	0	0	6	12	39	39
63	39	51	44	9	4	0	0	0	0	1	TRACE	9	51
64	7	10	12	3	0	0	0	0	0	0	3	24	24
65	12	10	2	4	0	0	0	0	0	4	4	6	12
66	32	31	3	1	1	0	0	0	0	0	0	6	32
67	7	26	26	3	0	0	0	0	0	0	2	10	26
68	24	6	10	0	0	0	0	0	0	0	11	6	24
69	14	53	53	11	0	0	0	0	0	1	2	11	53
70	5	4	10	0	0	0	0	0	0	1	0	26	26
71	24	32	36	12	0	0	0*	0	0	0	3	6	36
72	*	34	44	6	0	0	0	0	0	0	4	26	
73	21	23	20	3	0	0	0	0	0	0	TRACE	3	23
74	8	4	4	9	0	0	0	0	0	0	6	5	9
75	9	16	13	12	0	0	0	0	0	0	5	15	16
76	15	6	12	0	0	0	0	0	0	0	TRACE	22	22
77	25	33	20	1	0	0	0	0	0	0	TRACE	11	33
78	29	23	15	1	0	0	0	0	0	0	4	8	29
MEAN													
S.D.													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS.

1461	BANGOR INTERNATIONAL
STATION	STATION NAME

48-49, 51-81

YEARS

## DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC      FORM JUL 64      0-88.5 (OL A)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- \*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- \*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\*Values for means and standard deviations do not include measurements from incomplete months.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

57-81

YEARS

## DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									WNW*39S	39S	47S	49	
58	N *44N	*37NW	31NNE	38W	32WNW	35WNW*33				W *40W	44		
59	S 44W	33W	34SE	30NW	27NW	30WNW	30WNW	34NW	26SE	45WNW	38S	41	SE 45
60	SSE 37NE	32NNE	35NW	31NW	23NW	27WNW	24NNW	24SE	46WNW	33WNW	35WNW	37	SE 46
61	N 34WNW	31NNW	30ESE	31WNW	39N	26NW	23WNW	26WNW	38S	29WNW	31N	35	NW 39
62	WNW 45NW	31NW	38NW	39NNW	46NW	28W	34NNE	26W	*28N	47WNW*33NW	*47	N 47	
63	W *40WNW	34WNW	39WNW	43WNW*30NNW	*31SW	*42NNW*28N	*37NNW	44S	56WNW*29	S 56			
64	N *25NNW*38NW	47NNW	33NNW	39WNW	42NW	29NE	25N	26W	30NW	38NNW	50	NNW 50	
65	NW 40ESE	45NW	39S	33NW	32WNW	51NNW	45WNW*32S	32NNW	36NNW	50NNE	33	NNW 51	
66	N 58WNW	40NW	39NW	41S	32NW	45WNW	29W	45W	36WNW	46SSE	59WSW	38	SSE 59
67	WNW 42NW	50NNE	44NW	51WNW	34ENE	41NNW	31NNW	28NW	30SW	38W	37WNW	37	NW 51
68	NW 46WNW	42WNW	43S	41WNW	36S	2932/	2323/	2811/	2329*	2928*	3318*	33	NW 46
69	30*	33 3/	3313/	3730/	3732/	3619*	2515*	1825/	5034/	3131/	3316/	4216/	48 25/ 50
70	31/	3617/	6429/	5529/	5318/	4434/	3331/	3335/	4530/	3821/	3835/	36 4/	46 17/ 64
71	20/	4229/	2930/	42 2/	3531/	3229/	3534/	3817/	4333/	3528/	3429/	3330/	46 30/ 46
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
MEAN	42.6	38.7	39.5	38.3	34.8	35.2	30.8	34.0	32.8	37.8	41.8	42.0	50.0
S D	6.586	10.290	6.549	7.119	6.327	7.975	6.661	9.798	6.661	6.094	9.134	5.893	8.718
TOTAL OBS	368	379	429	416	428	392	395	378	384	422	419	441	4851

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL A) JUL 64 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION DANGOR INTERNATIONAL STATION NAME 74-81 YEARS JAN MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.7	3.2	1.2	.1							10.2	6.0
NNE		1.2	1.6	.9								3.8	8.0
NE	.5	.9	.4									1.9	5.4
ENE													
E		.4										.4	4.3
ESE		.1			.1	.1						.4	16.7
SE	.1				.3	.1						.5	16.8
SSE	.1	.4	1.3	.8	.3							3.0	10.0
S	1.1	2.0	1.3	.5	.1	.1						5.2	7.2
SSW	.5	1.3	.8	.5								3.2	6.8
SW	.4	.9	1.1	.1	.1							2.7	7.5
WSW	.5	1.2	1.7	.4								3.9	7.0
W	.9	3.6	4.3	3.4								12.2	8.5
WNW	1.1	2.3	3.6	1.7	.8							9.5	8.9
NW	.4	1.6	1.7	2.7	.5							7.0	10.3
NNW	1.1	1.9	2.3	1.2	.1							6.6	7.7
VARBL													
CALM												29.4	
	7.8	22.7	23.5	13.6	2.6	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS JAN MONTH 0700-0900 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	4.3	4.6	.7								10.1	7.0
NNE	.1	1.7	.9	.9	.1							3.9	8.0
NE	.1	.9	.3	.1								1.3	8.5
ENE	.1	.3										.9	4.7
E		.1										.1	4.0
ESE		.3	.1									.4	7.0
SE		.5		.1								.7	6.0
SSE	.4	.4	.8	.7	.3	.1						2.7	10.4
S	.1	2.3	1.1	.1	.3	.3						4.2	8.4
SSW	.7	2.3	.8	.7								4.4	6.5
SW	.4	.9	1.2	.1								2.7	7.1
WSW	.3	2.4	.7	.5								3.9	6.7
W	1.1	3.4	4.3	1.9	.3	.3						11.2	8.6
WNW	.5	2.6	3.0	2.6	.4							9.0	9.1
NW	.5	1.6	2.6	2.2	.3							7.1	9.3
NNW	.3	1.7	1.3	1.9	.1							5.4	9.4
VARBL													
CALM												31.0	
	5.2	26.4	21.7	12.5	1.7	.7						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14871 STATION BANGOR INTERNATIONAL 74-81 YEARS JAN MONTH 0600-1800 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.8	2.6	1.3	.3							9.9	7.1
NNE	.3	1.3	1.7	.5								3.9	8.0
NE		.3	1.1	.3								1.6	9.2
ENE	.1	.7										.8	5.0
E		.1	.1									.3	6.0
ESE		.1										.1	6.0
SE		.3										.3	4.5
SSE	.5	1.1	1.1	.5								3.2	7.3
S	.3	1.2	1.2	.8	.3							3.8	9.0
SSW	.7	1.5	.7	.7								3.5	6.7
SW	.3	1.2	1.1	.7								3.2	7.8
WSW	.4	2.0	.5	.1	.3							3.4	6.8
W	.8	3.6	4.8	3.1	.3							12.6	8.6
WNW	.7	.9	3.6	2.0	.4							7.7	9.6
NW	.6	1.3	3.1	2.4	.4							8.1	9.3
NNW	.5	2.0	1.6	.3								4.4	6.6
VARBL													
CALM												33.2	
	6.3	22.6	23.3	12.8	1.9							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS JAN MONTH 0900-1100 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	4.6	3.2	2.2								10.5	7.6
NNE	.5	1.1	1.2	.7	.3							3.8	8.5
NE	.1	.7	.9	.1								1.9	6.7
ENE	.1	.3	.4	.1								.9	7.4
E		.5	.1									.7	5.4
ESE		.3	.1	.1								.5	7.0
SE		.4	.3									.7	6.4
SSE	.4	.5	.9	.8	.1	.3						3.1	10.1
S	.3	.9	2.7	.4	.1							4.5	8.2
SSW	.3	1.1	1.3									2.7	6.3
SW	.3	.9	.9	.1								2.3	6.6
WSW	.1	1.2	1.5	2.0	.1							5.0	9.5
W	.5	1.8	4.3	4.7	.5	.4						12.3	11.1
WNW	.5	1.2	3.0	4.9	1.3	.3						11.2	11.9
NW	.8	1.9	3.2	4.0	.5		.1					10.7	10.2
NNW	.8	2.2	2.8	.5	.1							6.5	7.4
VARBL													
CALM												22.8	
	5.4	19.6	27.1	20.8	3.2	.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14071 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
ALL WEATHER CLASS  
CONDITION  
JAN. MONTH  
1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	4.0	1.6	.1							8.6	8.4
NNE	.3	.8	1.6	1.3	.3							4.3	10.3
NE	.5	.7	.7	.3								2.2	6.6
ENE		.7	.3									.9	5.7
E		.4	.8									1.2	6.9
ESE	.5											.5	3.0
SE	.1	.7		.3								1.1	6.1
SSE		.7	.7	.3	.1							1.7	9.1
S	.1	1.1	3.0	1.1	.5	.1						5.9	10.0
SSW		.5	1.1	.8	.1							2.6	10.3
SW	.1	.5	1.2	.5								2.4	8.6
WSW	.4	.5	2.6	1.3								4.8	9.4
W		2.6	5.0	6.2	1.6	.5		.1				16.0	11.7
WNW	.4	1.2	3.1	4.8	1.9	.5						12.0	12.4
NW	.5	1.7	2.7	4.6	1.6							11.2	11.4
NNW	.5	2.8	2.3	.8	.3							6.7	7.5
VARBL													
CALM												17.9	
	4.3	17.1	28.9	23.9	6.6	1.2		.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81

YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.6	3.1	1.9	.1							5.3	8.1
NNE	.4	1.6	1.6	.5	.3							4.4	8.0
NE	.1	1.3	.9	.1								2.6	6.4
ENE	.1	.7	.5									1.3	6.4
E	.1	.4			.3							.5	9.0
ESE		.3	.3	.1								.7	7.2
SE	.3	.3	.9	.3								1.7	8.0
SSE		1.3	.9	.8								3.1	8.4
S	.4	2.3	1.1	.9	.1							4.8	7.8
SSW	.7	.4	1.6	.9	.5	.1						4.3	10.2
SW	.1	.8	.7	.1								1.7	6.6
WSW	.5	1.6	1.6	.5								4.3	7.2
W	.5	3.0	5.5	4.7	.8	.1						14.7	10.2
WNW	.3	2.4	3.1	2.6	1.3	.4						10.1	11.1
NW	.4	1.3	3.9	4.0	.9							10.6	10.5
NNW	.4	1.5	2.6	2.0	.1							6.6	9.2
VARBL													
CALM												17.9	
	5.1	21.8	28.4	19.6	4.6	.7						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS JAY MONTH  
1800-2000 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.2	1.7	1.6	.4							7.5	8.0
NNE	.5	1.2	1.7	1.5								5.0	6.5
NE	.3	.4	.9	.3								1.9	7.9
ENE	.3	.3	.3									.3	5.5
E			.3	.1	.3							.7	13.2
ESE	.3	.4	.4	.3								1.3	6.9
SE	.1	.8	.4	.5								1.9	7.8
SSE	.4	1.1	1.1	.7								3.2	8.0
S	.5	2.4	.9	.7	.7							5.2	8.0
SSW	.5	1.3	1.1	.5	.3							3.8	8.0
SW	.3	1.1	.1	.1								1.6	5.3
WSW	.1	.8	2.2	.4								3.5	6.3
W	.5	3.7	3.2	3.5	.9							11.2	9.8
WNW	.5	2.6	3.1	2.2	1.5							9.8	10.0
NW	.5	1.7	2.7	3.2	.4							8.6	9.6
NNW	.5	1.7	2.3	2.4								7.0	9.1
VARBL													
CALM												27.0	
	6.0	22.0	22.4	19.0	4.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

14801 BANGOR INTERNATIONAL 74-81 JAN  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
1100-2300  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.6	3.2	1.5								13.5	7.0
NNE	.4	1.6	1.5	.7								4.2	7.4
NE	.1	.3	.7	.1								1.2	8.1
ENE	.3	.4	.4									1.1	5.3
E	.3	.4										.7	3.6
ESE		.1		.1	.5	.3						1.1	17.5
SE		.1	.3	.3								.7	9.4
SSE	.8	1.1	1.3	1.1								4.3	8.0
S	.3	1.9	.9	.5	.1	.4						4.2	8.9
SSW	.4	.9	.8	.3	.4							2.8	8.3
SW	.1	.8	.8	.4								2.2	7.7
WSW	.1	1.2	2.2	.1	.1							3.8	8.0
W	.4	4.2	5.8	3.1	.1							13.6	8.5
WNW	.3	3.5	4.0	2.2	.7							10.6	8.7
NW	.3	1.6	2.3	2.8								7.0	9.6
NNW	.4	.9	1.2	1.3	.3							4.2	9.7
VARBL													
CALM												28.1	
	5.4	23.7	25.4	14.5	2.3	.7						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14801 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS JAN. MONTH ALL HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.9	3.2	1.5	.1							7.5	7.5
NNE	.3	1.3	1.5	.9	.1							4.2	8.4
NE	.2	.7	.7	.2								1.9	7.0
ENE	.1	.5	.2	.0								.9	5.8
E	.1	.3	.2	.0	.1							.6	7.1
ESE	.1	.2	.1	.1	.1	.1						.6	9.5
SE	.1	.4	.2	.2	.0	.7						.7	5.0
SSE	.3	.9	1.0	.7	.1	.1						3.3	8.8
S	.4	1.8	1.5	.6	.3	.1						4.7	8.4
SSW	.5	1.2	1.0	.6	.2	.7						3.4	7.9
SW	.3	.9	.9	.3	.0							2.4	7.3
WSW	.3	1.4	1.6	.7	.1							4.1	8.0
W	.6	3.1	4.7	3.8	.6	.2		.0				13.3	9.7
WNW	.5	2.1	3.3	2.9	1.0	.2						10.3	10.3
NW	.5	1.6	2.8	3.2	.6		.0					8.8	10.2
NNW	.6	1.8	2.1	1.3	.1							5.9	6.3
VARBL													
CALM												76.3	
	5.7	22.0	25.1	17.0	3.4	.6	.0	.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 5248

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS FEB MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.8	2.9	1.0	.3							6.6	8.2
NNE	.1	.7	1.0	.7	.1							2.8	9.1
NE	.3	1.2	.6	.3								2.4	6.2
ENE		.3	.1									.4	7.6
E	.3	.9		.3								1.5	5.9
ESE	.3	.3	.1	.3								1.0	7.1
SE	.1	.6	.1	.1								1.0	6.1
SSE	.3	.3	.6	.6	.3							2.1	9.9
S	.9	.4	1.6	1.8	.1							4.9	9.1
SSW	.4	1.2	.7	.6								2.9	7.3
SW	.1	.7	.6									1.5	5.7
WSW	.4	1.6	.9	.1								3.1	6.3
W	1.9	4.1	5.3	1.5	.4	.1	.3					13.7	8.2
WNW	1.0	1.5	4.7	4.3	.6	.1						12.2	10.0
NW	.0	1.9	3.8	1.6	.6							8.8	8.9
NNW	.3	1.6	1.8	1.2								4.9	8.4
VARBL													
CALM												20.1	
	9.1	19.2	25.1	14.5	2.5	.3	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
ALL WEATHER CLASS  
CONDITION  
FEB MONTH  
0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	2.1	.7	.3							0.6	7.9
NNE	.1	1.2	1.2	.7	.1							3.4	8.8
NE		1.2	.6									1.8	6.7
ENE		.1	.3	.1								.6	10.0
E	.1	.7	.4									1.3	5.9
ESE		.6	.1	.4								1.2	8.5
SE	.1	.3	.6	.1								1.2	7.3
SSE	.3	.1	.4	.4	.1							1.5	10.0
S		2.2	1.5	1.0	.1							4.9	8.4
SSW	.1	.7	1.5	.4								2.8	8.1
SW		1.0	.7	.6								2.4	6.4
WSW	.9	1.6	.7	.3								3.5	5.7
W	.7	5.8	4.6	1.6	.1							12.8	7.3
WNW	.4	2.8	3.7	4.3	1.0	.3	.1					12.7	10.8
NW	.3	2.2	2.1	2.8								7.4	9.3
NNW	.3	1.9	1.6	.4								4.3	7.3
VARBL													
CALM												32.7	
	4.0	24.6	22.1	14.2	1.9	.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS PER MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.1	2.8	1.5								1.1	7.4
NNE	.1	1.2	.3	.3								1.9	6.5
NE	.3	.9	.9	.7								2.8	7.9
ENE	.3	.6	.4	.4								1.8	6.0
E	.1	.3	.3	.1								.9	8.2
ESE		.1	.3									.4	8.7
SF		.7		.1	.1							1.2	7.4
SSE	.1	.7	.3	.6	.1		.3					2.2	11.5
S	.1	1.0	.7	.9	.4							3.2	9.7
SSW	.1	1.5	.7	.1								2.5	5.8
SW		1.3	.4	.3								2.1	6.8
WSW	.7	1.6	.9	.4								3.7	6.3
W	.6	4.3	4.4	2.7	.1							12.1	6.3
WNW	.4	2.5	5.5	3.5	1.0							13.0	10.0
NW	.6	1.0	2.1	2.8	.7							7.2	10.3
NNW		1.3	2.7	.7	.1							4.9	8.7
VARBL													
CALM												32.0	
	4.4	22.4	22.7	15.3	2.8		.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS FEB MONTH 0900-1100 HOURS [L.S.T.]  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	3.4	1.6	.4							7.4	8.9
NNE	.1	1.2	2.8	.1								4.3	7.3
NE	.4	.4	.3	.4	.3							1.9	9.2
ENE		.9	.7	.6								2.2	3.1
E		.6	.9	.3								1.3	8.9
ESE	.1	.9	.6	.1								1.8	6.3
SE	.1	.7	.6									1.5	5.9
SSE	.3	.6	.7	.9								2.5	9.1
S		1.0	1.8	1.5		.3	.1	.1				5.8	10.9
SSW	.1	.3	1.3	.4								2.2	9.0
SW	.1	.7	.4	.3	.1							1.8	8.3
WSW	.4	.6	1.0	1.0	.1							3.2	9.1
W	.1	1.3	4.7	3.7	1.3	.1						11.4	11.2
WNW		1.5	7.1	6.3	1.5	.7						17.1	12.0
NW	.4	1.6	2.8	4.6	1.0	.1						10.5	11.2
NNW	.3	1.2	1.8	1.2	.3							4.7	9.1
VARBL													
CALM												19.9	
	3.2	15.9	31.0	23.2	5.2	1.3	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION 6ANGOR INTERNATIONAL 74-81 YEARS FEB MONTH 1200-1400 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	3.5	2.8	.1							7.5	10.1
NNE	.1	1.2	1.0	.3	.1							2.8	7.4
NE	.3	.1	.1	.6								1.2	9.4
ENE		.3	.7	.3								1.3	9.6
E	.1	.4	.6	.6								1.8	8.4
ESE	.3	.1	.9	.3								1.6	7.7
SE	.3	.3	1.2	.4								2.2	8.5
SSE	.1	1.3	1.3	.9	.4							4.1	9.4
S	.1	.7	2.4	2.4	.3	.4		.1				6.5	12.1
SSW		.9	1.0	.7								2.7	8.5
SW	.3	.6	1.3	.6	.1							2.9	9.4
WSW	.1	.3	1.2	.3	.4							2.4	10.5
W	.4	1.3	4.3	5.2	1.9							13.1	11.5
WNW	.4	2.2	7.7	7.1	2.1	.1						19.6	11.3
NW	.6	1.2	3.4	6.2	2.5							13.9	12.2
NNW	.4	1.9	2.1	1.2	.1							5.8	8.3
VARBL													
CALM												10.6	
	3.8	14.0	32.7	29.8	8.3	.6		.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 BANGOR INTERNATIONAL 74-81 FEB  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	4.4	1.0								7.2	8.6
NNE	.3	.7	1.2	.9	.1							3.2	8.4
NE		.4	1.2	.1	.1	.1						2.1	10.1
ENE	.3	.6		.1								1.0	5.7
E		.4	.4	.4								1.3	9.0
ESE	.3	.1	.4	.6								1.5	8.8
SE		.9	1.3	.4								2.7	7.9
SSE	.1	.6	1.5	.7	.1							3.1	9.1
S		1.9	3.4	2.2	.9		.4					8.8	11.3
SSW	.1	.7	1.0	.1	.1							2.2	8.1
SW	.1	.6	1.3	.1								2.2	7.9
WSW	.1	1.6	1.3	.3	.3							3.7	7.8
W	.3	2.8	3.5	2.5	1.2	.1						10.5	10.2
WNW		1.8	5.2	6.8	2.5	.4						16.7	12.4
NW		1.8	4.1	6.8	1.6	.1						14.5	11.9
NNW	.6	1.5	4.1	1.6	.3							8.1	9.1
VARBL													
CALM												11.2	
	2.7	18.0	34.5	24.9	7.4	.9	.4					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 676



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS FEB MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	4.4	1.3								9.4	7.8
NNE	.1	1.2	.7	.7	.1							3.0	8.8
NE		.3	.4	.1	.1							1.0	9.7
ENE		.4	.4									.9	7.5
E	.1	.4	.1	.4								1.2	8.1
ESE		.3	.9	.4								1.6	9.6
SE		.7	.7	.3								1.8	7.6
SSE	.7	2.4	1.0	.4								4.6	6.4
S	.6	2.1	3.3	1.2	.7		.1					8.0	9.1
SSW	.6	.6	.6	.1								1.9	6.2
SW	.3	1.5	.1		.1							2.1	5.4
WSW	.1	1.2	.3	.6	.3							2.5	8.8
W	.6	1.9	4.3	1.5	.7							9.0	9.0
WNW	.4	1.8	5.6	6.1	.9	.1						15.0	10.8
NW	.6	2.8	4.6	4.3	.9	.1						13.3	9.9
NNW	.3	2.4	3.6	1.3		.1						7.7	8.2
VARBL													
CALM												17.9	
	5.5	21.8	31.3	19.0	4.0	.4	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 74-81 YEARS FEB MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	3.1	1.0								7.1	7.5
NNE	.3	.6	1.0	.9								2.3	8.8
NE	.1	.6	.3	.3								1.3	8.0
ENE		.3	.3									.6	7.3
E	.1	.3	.7									1.2	7.1
ESE		.1	.4	.3								.9	9.5
SE	.1	1.6	.4	.6								2.8	7.3
SSE	.4	1.2	.9	.3								2.8	6.5
S	1.3	1.2	2.1	1.8								6.4	6.0
SSW	.4	.9	1.3	.1	.4							3.3	8.6
SW	1.0	1.2										2.2	3.9
WSW	.9	2.2	.7	.6								4.4	6.0
W	.7	4.1	4.4	2.2	.4							12.0	8.1
WNW	.7	3.0	5.0	3.4	1.2	.3						13.6	10.2
NW	.6	2.1	4.0	3.3	.6							10.5	9.7
NNW	.7	1.8	3.4	1.3								7.3	6.0
VARBL													
CALM												20.7	
	8.7	23.1	28.3	16.1	2.7	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS PER  
MONTH ALL  
CLASS ALL  
CONDITION ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.8	3.3	1.4	.1							7.3	8.3
NNE	.2	1.0	1.2	.6	.1							3.0	8.2
NE	.2	.6	.6	.3	.1	.0						1.8	8.2
ENE	.1	.4	.4	.2								1.1	8.0
E	.1	.5	.4	.3								1.4	7.7
ESE	.1	.3	.5	.3								1.3	8.2
SE	.1	.8	.6	.3	.0							1.8	7.4
SSE	.3	.9	.8	.6	.1		.0					2.9	6.7
S	.4	1.4	2.1	1.6	.3	.1	.1	.0				6.1	9.9
SSW	.3	.8	1.0	.4	.1							2.6	7.8
SW	.3	1.0	.6	.2	.1							2.1	7.2
WSW	.5	1.3	.9	.5	.1							3.3	7.3
W	.7	3.2	4.4	2.6	.8	.1	.0					11.8	9.2
WNW	.4	2.1	5.6	5.2	1.3	.3	.0					15.0	11.0
NW	.5	1.8	3.4	4.0	1.0	.1						10.8	10.6
NNW	.4	1.7	2.6	1.1	.1	.0						5.9	8.4
VARBL													
CALM												21.9	
	5.1	19.9	28.5	19.6	4.3	.5	.2	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5418

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS 0000-0200 MONTH HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		1.7	3.2	1.2								6.2	8.7
NNE		.7	1.3	1.5								3.5	10.2
NE		.5	.3	.5								1.3	9.2
ENE	.3	.4	.7	.3								1.6	7.4
E	.3	1.2	1.2	.3								3.0	6.9
ESE	.3	.4	.1		.3							1.1	7.9
SE		.9	.4	.4								1.6	8.6
SSE	.1	1.7	1.5	.5								3.9	7.6
S	1.6	3.8	3.8	.7	.3							10.1	6.7
SSW	.9	1.7	2.6	.3								5.5	6.5
SW	.3	.3	.9	.3								1.7	8.0
WSW	.3	1.2	1.2	.1								2.8	6.5
W	.3	4.2	2.8	1.5	.4	.1						9.3	8.3
WNW	.8	2.3	2.3	3.1	1.7							10.2	10.8
NW	.4	1.7	2.3	3.6	1.9	.8						10.8	12.5
NNW		1.1	1.6	1.3								4.0	9.2
VARBL													
CALM												23.4	
	5.5	23.8	26.2	15.6	4.6	.9						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS MAP  
MONTH 0300-0500  
HOURS (L.S.T.)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	2.7	1.9	.1							6.6	9.3
NNE	.4	.4	1.7	1.5	.5							4.6	10.2
NE	.4	.9	1.2	.7								3.2	8.0
ENE		.4	.4	.4								1.2	9.2
E	.3	.5	.8	.4								2.0	8.0
ESE		.5		.1	.1							.8	7.8
SE		.8	.7	.4	.1							2.0	9.1
SSE	1.1	1.1	1.5	.4								4.0	6.6
S	.9	2.6	3.2	.8	.3							7.8	7.6
SSW	.3	1.9	.7	.7								3.5	7.0
SW	.3	1.2	.4	.4								2.3	6.5
WSW	.3	1.5	1.2	.4								3.4	7.4
W	.4	2.7	2.8	2.0	.4							8.3	8.8
WNW	.8	2.6	2.8	2.4	1.6	.1						10.3	10.4
NW	.1	2.0	2.3	2.6	2.7							9.7	12.0
NNW	.1	1.2	1.7	.8	.5							4.4	9.3
VARBL													
CALM												25.8	
	5.5	22.0	24.2	15.9	6.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0600-1800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	3.6	1.3	.4							8.6	8.6
NNE	.3	1.2	2.3	1.2	.4							5.4	9.6
NE	.3	.5	1.2	.7								2.7	8.5
ENE		.5	.8	.5	.1							2.0	9.3
E		.4	.3	.3								.9	8.1
ESE	.1		.4	.1	.1							.8	10.7
SE		.7	.1	.7	.4	.1						2.0	12.0
SSE	.5	.7	.5	.8								2.6	7.9
S	.5	3.4	2.7	1.7	.1							8.5	8.0
SSW	.5	1.5	1.3	.7								4.0	7.4
SW	.4	.5	.9	.1								2.0	6.7
WSW	.3	1.9	.7	.4								3.2	6.7
W	.5	3.0	2.8	1.9	.3	.1						8.6	8.9
WNW	.4	1.5	2.4	4.0	1.5		.1					9.9	11.7
NW	.4	.7	3.1	2.2	2.2	.3						8.7	12.4
NNW		2.0	2.4	1.3	.9	.1						6.9	10.2
VARBL													
CALM												23.1	
	4.3	21.1	25.7	18.0	6.5	.7	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEAR MAR MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	2.7	3.9	.3							9.0	9.9
NNE	.5	1.7	3.4	1.6	.5							7.8	9.2
NE	.1	.7	.9	1.1								2.8	9.1
ENE	.4	.3	.3	.8	.1							1.9	9.4
E	.1	.5	.7	.5								1.9	9.3
ESE		.3	1.3	.1								1.7	8.2
SE	.1	.3	.5	.7	.3	.1	.1					2.2	12.7
SSE	.4	.3	1.6	.5								2.8	8.7
S		1.6	4.6	2.6	.7	.4						9.8	10.8
SSW	.3	1.2	1.7	2.2	.3							5.6	10.0
SW		1.5	1.7	.4								3.6	7.8
WSW	.3	.7	1.1	.5	.3							2.8	8.7
W	.4	1.9	2.8	2.7	1.7	.5	.3					10.3	12.3
WNW	.4	.9	2.7	3.6	3.5	.4						11.6	13.3
NW	.1	.9	2.0	3.1	3.0	.7	.1					9.9	14.3
NNW	.3	1.1	2.0	1.6	.7	.3						5.9	10.6
VARBL													
CALM												10.2	
	3.9	15.6	30.1	25.9	11.3	2.4	.5					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14671 STATION BANGOR INTERNATIONAL 74-81 YEARS  
STATION NAME MAP MONTH 1200-1400  
HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	2.0	3.6	.3							4.3	9.7
NNE		.9	2.2	1.3	.3							4.6	10.0
NE	.1	.7	1.3	1.1	.1							3.4	9.4
ENE	.3	.3	.7	.9								2.2	9.4
E	.3	.9	1.1	.3								2.4	7.2
ESE		.1	1.1	.8								2.0	10.4
SE		.8	.3	.5								1.6	8.4
SSE	.1	.3	1.7	.9	.1							3.2	9.9
S	.3	.8	3.4	4.0	1.1	.4	.1					10.1	12.1
SSW	.3	1.1	3.0	.8	.4							5.5	9.5
SW	.1	.5	1.6	.5	.3							3.1	9.7
WSW		1.1	1.9	1.6	.7	.1						5.4	10.8
W	.3	1.2	3.2	3.1	2.6	.5						10.9	12.6
WNW		.7	3.0	3.6	3.4	.9						11.6	14.2
NW	.1	.5	2.8	3.1	3.0	1.1	.1					10.8	14.5
NNW	.1	.8	2.0	2.3	1.5	.4	.3					7.4	13.2
VARBL													
CALM												7.7	
	2.3	12.6	31.2	28.6	13.6	3.5	.5					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14691 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
ALL WEATHER CLASS  
CONDITION  
MONTH 1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.4	1.2	2.2	.9	.1							4.8	5.5
NNE	.5	1.3	1.1	1.6	.3							4.8	9.4
NE	.1	1.1	1.6	1.3	.3							4.4	7.5
ENE		.7	1.1	.3								2.0	8.3
E	.4	.3	.8	.7								2.2	8.7
ESE	.1	.4	.3	.1								.9	6.4
SE	.3	.7	1.3	.7	.1							3.1	8.7
SSE		.8	3.1	1.3	.3							5.5	9.9
S	.4	1.5	4.8	4.2	.9		.1					12.0	11.0
SSW	.4	.7	2.0	.9		.1						4.2	9.2
SW	.1	.3	.8	.1	.1							1.5	8.4
WSW	.3	.7	1.2	1.1	.1	.1						3.5	9.9
W	.1	.4	4.2	2.4	2.2	.1						9.4	12.1
WNW	.1	1.5	2.3	4.7	2.8	1.5						12.9	14.1
NW	.3	.8	3.6	4.7	3.5	1.6	.1					14.7	14.3
NNW	.1	.9	1.9	2.2	1.1	.1	.1					6.5	11.8
VARBL													
CALM												7.7	
	3.8	13.2	32.3	27.3	11.8	3.6	.4					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
ALL WEATHER CLASS  
CONDITION  
MAR MONTH  
1900-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	1.7	.7	.1							4.6	7.9
NNE	.4	.7	2.2	1.2	.4							4.3	10.0
NE	.4	.7	.9	.5								2.6	6.2
ENE	.1	.4	.4									.9	6.4
E	.1	.4	.4									.9	6.1
ESE	.3	.7	.5									1.5	5.8
SE	.3	1.3	.5	.4								2.6	6.9
SSE	.7	2.8	3.2	1.2								7.9	7.2
S	.4	3.8	6.5	2.2	.1							12.9	8.2
SSW	.8	1.5	2.4	.9								5.6	7.6
SW	.3	.3	.4	.1								1.1	6.8
WSW	.3	1.1	.4	.1	.3							2.2	7.5
W	.8	2.0	2.2	3.1	.3	.3						8.6	9.9
WNW	.5	1.3	2.7	3.6	3.4	.4						12.0	12.9
NW		1.6	3.0	4.8	1.9	.1	.1					11.6	12.5
NNW		1.6	2.7	1.3		.4						6.0	9.8
VARBL													
CALM												14.2	
	6.3	21.2	30.1	20.3	6.5	1.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
ALL WEATHER CLASS  
CONDITION  
MAR MONTH  
2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	2.0	.9	.1							5.2	8.1
NNE		.9	2.2	1.5								4.6	9.5
NE	.1	.5	.9	.5								2.2	8.8
ENE	.1	.3										.4	4.0
E	.1	.9	.4	.4								1.9	7.3
ESE	.1	.4	.8									1.3	7.1
SE		1.1	.4	.4								1.9	7.1
SSE	.5	2.2	1.7	1.3								5.8	7.7
S	1.5	3.2	3.9	1.5								10.1	7.2
SSW	.5	2.4	2.2	.7								5.8	6.9
SW	.3	1.3	.4	.1								2.2	5.4
WSW	.4	1.2	.7	.1	.1							2.6	6.9
W	.8	2.6	2.7	2.0	.3	.1						5.5	6.7
WNW	.3	2.8	3.2	3.5	2.2	.5						12.5	11.6
NW	.4	.9	2.7	3.9	2.0	.8						10.8	13.2
NNW	.3	1.5	2.2	1.5		.3						5.7	9.6
VARBL													
CALM												18.7	
	6.1	24.0	26.4	18.4	4.7	1.7						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
ALL WEATHER CLASS  
CONDITION  
MAC MONTH ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	2.5	1.8	.2							6.7	9.0
NNE	.3	1.0	2.0	1.4	.3							5.3	9.7
NE	.2	.7	1.1	.8	.1							2.8	8.9
ENE	.2	.4	.5	.4	.0							1.5	8.5
E	.2	.6	.7	.4								1.9	7.6
ESE	.1	.4	.6	.2	.1							1.3	8.1
SE	.1	.8	.5	.5	.1	.0	.0					2.1	9.2
SSE	.4	1.2	1.9	.9	.1							4.5	8.1
S	.7	2.6	4.1	2.2	.4	.1	.0					10.1	9.0
SSW	.5	1.5	2.0	.9	.1	.0						5.0	8.0
SW	.2	.7	.9	.3	.1							2.2	7.5
WSW	.3	1.2	1.0	.6	.2	.0						3.2	8.4
W	.5	2.2	2.9	2.3	1.0	.2	.0					9.2	10.3
WNW	.4	1.7	2.7	3.6	2.5	.5	.0					11.4	12.5
NW	.2	1.2	2.7	3.5	2.5	.7	.1					10.9	13.3
NNW	.1	1.3	2.1	1.5	.6	.2	.1					5.8	10.7
VARBL													
CALM												16.4	
	4.8	19.2	28.3	21.3	8.2	1.8	.2					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS APR MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.3	1.5	1.5	.1							6.9	7.7
NNE	.1	1.0	1.1	.3								2.5	7.4
NE	.6	.7	1.1	.1	.1							2.6	7.6
ENE	.1	.3	.4	.1								1.0	7.9
E	.4	.6	.3	.1								1.4	5.7
ESE	.1	.6	.1	.4								1.2	7.8
SE	.6	1.1	.7	.4								2.8	6.6
SSE	.6	1.7	1.2	.1								3.6	6.2
S	.7	4.4	2.2	.6	.4							8.3	7.0
SSW	.3	1.5	1.2									3.1	5.8
SW	.6	1.4	.3									2.2	4.4
WSW	.4	1.1	.8									2.4	5.6
W	.6	3.5	3.9	1.1	.4	.1						9.6	8.1
WNW	.7	2.2	3.1	2.5	.3	.3						9.0	9.6
NW	.1	1.9	2.4	3.1								7.5	9.5
NNW	.3	2.1	2.1	.8								5.3	7.7
VARBL													
CALM												30.6	
	6.5	27.4	22.5	11.2	1.4	.4						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS APP MONTH 0300-0500 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.3	2.4	1.4	.1							7.5	7.9
NNE	.3	1.7	.8	.4								3.2	6.9
NE		.8	1.1	.4								2.4	7.9
ENE	.4	.8	.3									1.5	5.1
E	.1	.8	.6	.1								1.7	6.8
ESE		.8	.6	.4								1.8	7.8
SE	.3	1.2	.8	.4	.1							2.9	7.7
SSE	.7	2.2	.4	.6								3.9	6.0
S	1.1	2.2	2.4	.6	.1							6.4	6.7
SSW	.3	1.4	1.2	.3								3.2	6.7
SW	.1	1.4	.3									1.8	4.7
WSW	.1	1.8	.6	.1								2.6	5.8
W	.6	3.3	3.6	1.4								8.9	7.7
WNW	.6	2.8	3.6	2.1	.6							9.6	8.9
NW	.3	.8	3.5	.6	.7							5.8	9.7
NNW	.1	2.2	1.8									4.2	6.4
VARBL													
CALM												32.6	
	5.3	27.8	23.9	8.7	1.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 BANGOR INTERNATIONAL 74-81 AP: 0600-0800  
STATION STATION NAME YEARS MONTH  
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.6	4.2	2.5	.1							17.1	6.6
NNE	.1	1.7	2.1	.7	.1							4.7	6.2
NE		1.4	1.0	.4								2.6	7.4
ENE	.3	.6	1.1									1.9	7.4
E	.1	1.2	1.0	.7								3.1	7.5
ESE		.3	.8									1.1	8.3
SE	.1	.7	1.4	.1								2.4	7.1
SSE	.3	1.4	1.2	.3	.1							3.3	7.5
S	.8	2.9	3.2	.6	.3							7.8	7.2
SSW	.3	1.7	1.2	.4								3.6	7.0
SW	.1	.4		.1								.7	6.0
WSW	.4	1.5	1.2	.1	.1							3.5	6.8
W	.3	2.2	3.5	1.5	.4							7.9	8.8
WNW	.4	1.0	3.6	3.9	.6	.4						9.9	11.1
NW		1.0	3.1	3.2	.7	.1						8.1	11.2
NNW	.7	1.4	2.2	1.8								6.1	8.6
VARBL													
CALM												23.1	
	4.7	21.9	30.8	16.4	2.5	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL 74-81 YEARS APR MONTH 1900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.8	5.3	3.1	.8							12.5	9.5
NNE	.4	1.7	2.2	1.2	.1							5.7	8.2
NE	.1	.7	1.4	.4								2.6	7.9
ENE	.1	.8	1.1	.3								2.4	7.9
E		1.0	1.0	.3								2.2	7.4
ESE		.7	1.0	.7								2.4	9.1
SE		.8	1.0	1.0	.1							2.9	9.4
SSE	1.1	.4	1.2	1.7	.6							5.0	9.7
S	.8	2.1	3.1	2.2	.8							9.0	9.2
SSW	.3	1.2	1.8	.3	.1							3.7	7.6
SW		.4	.4	.3	.3							1.4	10.1
WSW		.6	.7	1.0		.3						2.5	11.4
W	.1	1.2	2.8	1.7	.6							6.4	10.3
WNW	.1	1.2	4.0	5.4	1.0	.7						12.5	12.2
NW	.3	1.0	2.9	5.1	1.9	.3	.1					11.7	12.7
NNW	.3	1.0	2.2	3.1	.1							6.7	10.3
VARBL													
CALM												10.4	
	4.3	17.6	32.1	27.6	6.5	1.2	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS ALL WEATHER CLASS 1200-1400 MONTH HOURS [L.S.T.]

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	5.1	3.3	.6							10.8	10.0
NNE	.1	.7	1.7	1.2	.1							3.9	9.5
NE	.1	1.1	1.2	.7	.3							3.5	9.2
ENE	.1	.4	.6	.1								1.2	7.6
E	.3	.7	1.4	.6								2.9	8.0
ESE	.3	.7	.7	1.7	.4							3.7	10.9
SE		.6	.8	.6								1.9	8.4
SSE	.4	1.5	1.2	1.5	.4	.1						5.3	9.6
S	.1	1.1	3.9	5.0	.8							11.0	11.0
SSW			1.2	1.8								3.1	11.2
SW	.1	1.1	.8	.1	.3		.1					2.6	9.2
WSW		1.0	2.1	.8	.4	.1						4.4	9.9
W	.1	1.4	2.1	1.8	.7							6.1	10.4
WNW	.1	.6	3.7	5.7	1.5	.3	.1					12.1	12.9
NW	.1	1.1	2.4	4.6	3.5	.6						12.2	13.7
NNW	.1	1.5	5.1	2.4	.8	.1						10.1	10.3
VARBL													
CALM												5.0	
	2.4	15.1	34.2	31.9	9.9	1.2	.3					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 74-81 YEARS APP MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	5.0	2.5	.3							10.2	9.4
NNE	.3	1.7	1.8	1.4								5.1	8.4
NE	.1	1.1	.8	.1								2.2	7.0
ENE		.6	1.0	.3								1.8	8.5
E	.1	.7	.7	1.0	.1							2.6	9.8
ESE	.3	.3	.6	.7								1.8	8.7
SE		.3	.8	.6								1.7	9.1
SSE	.3	.8	1.7	2.1	.3							5.1	10.4
S	.3	1.1	7.0	5.3	1.1							14.7	11.0
SSW		.1	1.3	1.0								2.4	10.1
SW	.1	.4	.4	.3								1.3	7.8
WSW		.3	.3	.6		.1	.1					1.4	13.4
W	.1	.7	3.6	2.2	.6	.1						7.4	11.0
WNW	.3	1.5	2.4	5.4	2.2	.1						12.0	12.3
NW	.3	.8	2.8	7.2	2.6	.3						14.0	13.2
NNW	.3	1.8	4.0	3.8	1.4	.1						11.4	11.0
VARBL													
CALM												4.9	
	2.9	14.2	34.1	34.4	8.6	.8	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION HANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
ALL WEATHER CLASS  
CONDITION  
APR MONTH  
1900-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	4.2	1.8								3.7	8.2
NNE	.3	.7	1.4	.6	.1							3.1	8.5
NE	.4	.7	.4									1.5	5.6
ENE	.1	.4	.8	.3	.1	.1						1.9	9.9
E		.7	.4	.1	.1							1.4	9.0
ESE	.7	.3	.3	.4								1.7	6.8
SE	.3	.7	1.7	.3								2.9	7.9
SSE	.4	1.9	3.3	.6								6.2	7.3
S	.3	4.3	6.0	2.6	.3	.1						13.6	8.7
SSW	.3	2.1	1.5	.4								4.3	6.8
SW	.3	1.2	.6									2.1	5.5
WSW		.7	.6			.3	.1					1.7	11.0
W	.1	1.8	2.1	1.0	.4							5.4	9.0
WNW	.3	2.5	3.9	2.2	.3	.1						9.3	9.4
NW		1.4	4.9	4.3	1.5	.3						12.4	11.5
NNW	.1	3.7	5.3	1.9	.1							11.2	8.3
VARBL													
CALM												11.5	
	4.2	26.4	37.2	16.5	3.1	1.0	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS APR MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	2.2	1.7	.4							6.3	8.2
NNE	.3	1.2	.8	.4								2.8	7.0
NE		.7	.7	.1								1.5	7.8
ENE		.6	1.0	.4	.1	.1						3.2	10.3
E	.1	.8	.3									1.2	5.7
ESE	.3	.8	.7	.4								2.2	7.5
SE	.3	.6	.7									1.5	6.3
SSE	.6	1.0	1.4	.7								3.6	7.6
S	1.8	5.7	2.9	.8	.3							11.5	6.4
SSW	.4	2.6	1.0	.3								4.3	6.2
SW	.6	2.5	.7									3.7	4.8
WSW	.6	1.0	1.4	.3		.1						3.3	7.4
W	1.0	4.3	3.5	.7	.1	.3						9.9	7.4
WNW	.3	2.4	2.8	2.6	.1							8.2	9.2
NW	.3	1.5	2.8	2.8	.6							7.9	10.2
NNW	.4	1.8	2.2	1.0	.1							5.6	8.1
VARBL													
CALM												22.1	
	7.6	30.7	25.0	12.2	1.8	.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
ALL WEATHER CLASS  
CONDITION  
APD MONTH ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.8	3.7	2.2	.3							9.5	5.8
NNE	.2	1.3	1.5	.8	.1							3.9	8.1
NE	.2	.9	1.0	.3	.1							2.4	7.7
ENE	.2	.6	.8	.2	.0	.0						1.8	8.2
E	.2	.8	.7	.4	.0							2.1	7.7
ESE	.2	.6	.6	.6	.1							2.0	8.7
SE	.2	.7	1.0	.4	.0							2.4	7.8
SSE	.5	1.4	1.5	.9	.2	.0						4.5	8.2
S	.7	3.0	3.8	2.2	.5	.0						13.3	8.7
SSW	.2	1.3	1.3	.6	.0							3.5	7.5
SW	.2	1.1	.4	.1	.1		.0					2.0	6.3
WSW	.2	1.0	1.0	.4	.1	.1	.0					2.7	8.6
W	.4	2.3	3.1	1.4	.4	.1						7.7	8.9
WNW	.3	1.8	3.4	3.7	.8	.2	.0					10.3	10.9
NW	.2	1.2	3.1	3.9	1.4	.2	.0					7.9	11.8
NNW	.3	1.9	3.1	1.8	.3	.0						7.6	9.2
VARBL													
CALM												17.5	
	4.7	22.6	30.0	19.9	4.4	.7	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION EANGOR INTERNATIONAL STATION NAME 74-81 YEARS MAY MONTH  
6000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	1.9	.1								4.2	6.2
NNE	.5	.7	1.1	.5								2.8	7.4
NE	.5	1.1	.7	.1								2.4	5.9
ENE	.3	.5	1.6									2.4	7.1
E	.3	.8	.5									1.6	5.8
ESE	.1	.7	.1	.1								1.1	5.6
SE	.5	1.2	.4	.1	.1							2.4	6.0
SSE	.4	2.8	.8	.1	.3							4.4	6.4
S	2.6	8.2	3.2	.9	.1							15.1	5.9
SSW	1.2	2.7	.5	.1								3.9	4.5
SW	.8	1.2	.1									2.2	4.6
WSW	.7	1.2	1.5									3.4	6.2
W	.7	2.6	.5	.1								3.9	5.1
WNW	.4	4.0	1.2	.1								5.8	5.7
NW	.1	1.3	1.2	.4								3.1	7.3
NNW	.7	1.3	.7	1.1	.1	.1	.1					4.2	9.4
VARBL													
CALM												37.2	
	10.6	31.0	16.1	4.0	.7	.1	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14501 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS MAY MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	2.7	.7	.1							5.6	7.9
NNE	.8	.7	.7	.3	.1							2.6	6.5
NE	.3	1.6	.5									2.4	5.5
ENE	.1	.5	.9									1.6	6.9
E	.8	.8	.5									2.2	4.9
ESE	.4	.7										1.1	4.0
SE	.3	1.1	.5									1.9	5.8
SSE	1.3	3.4	.9	.7								6.3	6.0
S	1.5	4.4	3.1	.1	.3							9.4	6.2
SSW	.7	1.9	.7	.4								3.6	5.9
SW	.4	1.2	.3									1.9	4.9
WSW	.3	1.6	.3	.1								2.3	5.4
W	.9	2.2	1.6		.1							4.6	5.9
WNW	.5	2.7	1.5	.3								5.0	6.1
NW	.7	1.9	1.1	1.1								4.7	7.3
NNW	.5	.5	.7	.8	.1							2.7	8.8
VARBL													
CALM												41.8	
	9.9	27.0	16.0	4.4	.8							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS  
MAY MONTH  
0600-0800 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	1.6	1.3	.3							5.2	5.0
NNE		1.6	2.4	1.1								5.1	6.2
NE	.1	1.6	1.1	.3								3.1	6.7
ENE	.8	.8	.4	.4								2.4	6.2
E	.3	.4	1.5	.1								2.3	7.7
ESE	.8	.4	.5	.1								1.9	5.6
SE		1.2	.9	.4								2.6	7.8
SSE	.5	2.6	2.7	.1								5.9	6.5
S	.9	4.2	5.5	1.1								11.7	7.4
SSW	.5	2.3	1.5	.1								4.4	6.4
SW	.8	1.2	.7									2.7	5.2
WSW	.3	1.5	1.1	.5	.1							3.5	7.8
W	.3	2.3	2.3	1.5								6.3	8.1
WNW	.8	1.6	1.9	1.6	.3							6.2	8.5
NW		.4	2.3	2.4	.7							5.8	11.7
NNW	.1	.3	2.3	1.6	.5							4.8	11.0
VARBL													
CALM												26.1	
	6.7	23.9	28.6	12.8	1.9							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 74-81 YEARS MAY MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	1.7	2.6	.7	.1						7.8	10.1
NNE		.5	2.4	.3	.1							3.4	8.7
NE	.4	.8	1.2	.1								2.6	6.8
ENE	.1	1.7	1.3	.4								3.6	6.9
E	.3	1.2	1.6									3.1	6.6
ESE	.3	.9	1.7	.4								3.4	7.7
SE	.8	1.9	1.5	.3								4.4	6.2
SSE	.3	2.3	2.6	1.1	.1							6.3	8.2
S	.4	3.1	5.9	3.5	.1							13.0	8.9
SSW	.5	1.1	2.4	.7								4.7	7.9
SW		.9	.8	.5								2.3	5.5
WSW	.5	.9	1.9	.9								4.3	8.3
W	.1	.7	2.3	2.0	.4							5.5	10.9
WNW	.3	1.2	2.2	1.7	.9	.1						6.5	10.9
NW		.7	2.3	3.4	.5	.1						7.3	11.7
NNW	.9	.5	2.2	4.0	.9	.3						8.9	11.7
VARBL													
CALM												13.0	
	5.6	20.8	34.0	21.9	3.7	.7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION DANGOP INTERNATIONAL 74-81 YEARS MAY MONTH  
ALL WEATHERED CLASS 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.7	2.7	.7							6.3	11.1
NNE	.4	.9	1.2	1.1	.1							3.6	8.9
NE		.9	.8	.8								2.6	8.4
ENE	.5	.7	1.1	.7								3.0	7.5
E	.3	1.2	.9	.3								2.7	6.8
ESE	.1	.8	1.3									2.3	7.2
SE	.4	1.3	1.5	.7	.1	.1						4.2	8.5
SSE	.3	1.2	2.8	2.8	.4							7.5	10.3
S		2.4	7.5	5.9	1.1							17.0	10.8
SSW	.4	.9	3.0	1.1	.1							5.5	8.7
SW		.4	1.6	.9								3.0	9.7
WSW		.5	1.5	.4								2.4	8.6
W	.4	1.6	3.1	3.0	.5							5.6	9.9
WNW	.3	.8	2.3	2.8	.5		.1					6.9	11.2
NW	.1	1.6	1.7	4.4	2.0	.1						13.1	12.5
NNW		.9	2.4	3.2	.7	.3						7.5	12.1
VARBL													
CALM												6.7	
	2.4	17.5	34.6	30.8	6.3	.5	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 74-81 YEARS MAY MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.4	2.0	.4							6.3	10.2
NNE	.3	.4	.9	1.3	.1							3.1	10.2
NE	.1	.9	1.3	.5								3.0	8.0
ENE	.5	.4	1.1	.1								2.2	6.4
E	.4	1.5	1.2	.1								3.2	6.4
ESE	.3	.7	.8									1.7	7.0
SE	.5	.8	1.2	.5								3.1	7.3
SSE	.3	1.1	4.2	3.6	.5	.3						9.9	11.1
S	.5	2.4	12.1	11.2	1.2							27.4	10.8
SSW	.1	.4	1.9	1.3								3.8	9.6
SW		.9	1.3									2.3	7.5
WSW		.3	1.6	.4								2.3	9.4
W	.4	.8	1.7	1.5	.1							4.6	9.3
WNW	.1	.5	2.3	2.3	1.5	.4						7.1	12.9
NW	.3	1.1	2.3	2.7	1.2	.3						7.8	11.8
NNW		.9	2.4	1.9	1.3							8.6	12.1
VARB													
CALM												3.6	
	4.0	14.5	39.8	31.6	6.5	.9						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14-01  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	1.6	.8	.3							5.0	7.9
NNE	.4	1.1	1.2	.7	.1							3.5	7.8
NE	.4	.9	1.2	.1								2.6	7.1
ENE	.3	.4	1.2	.1								2.0	7.3
E	.4	.5	.5									1.5	5.4
ESE	.3	.4	.7	.1								1.5	7.2
SE	.4	1.1	1.5	.5								3.5	7.6
SSE	.9	2.8	6.2	.8								10.8	7.7
S	1.1	7.1	14.6	5.4	1.1							29.2	8.7
SSW	.1	2.7	1.6	.1								4.6	6.4
SW	.1	.5	.8									1.5	7.3
WSW	.3	.7	.5									1.5	6.0
W	.5	1.9	2.3	.3								5.0	6.9
WNW	.5	.5	1.9	.7			.1					3.8	9.1
NW	.1	1.6	3.4	1.1	.4	.3						6.9	9.7
NNW	.7	2.0	3.1	3.4	.3							9.4	9.4
VARBL													
CAL'												7.8	
	6.9	26.3	42.3	14.2	2.2	.3	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

742

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14001 BANGGP INTERNATIONAL 74-81  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
MAY  
MONTH  
2100-2300  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	1.5	.4	.1							4.7	6.9
NNE	.4	.5	.7	.4								2.0	7.3
NE	.1	.7	.8									1.6	6.8
ENE	.7	.7	.8	.3								2.4	6.0
E	.1	1.3	.4									1.9	5.4
ESE	.3	.5	.5									1.3	6.1
SE	.3	.8	.9		.1							2.2	7.1
SSE	1.3	3.8	2.8	.5								8.5	6.4
S	2.8	12.4	6.5	1.6								23.3	6.3
SSW	.8	3.1	.9		.1							5.0	5.7
SW	.1	2.4	.1									2.7	4.7
WSW	.3	.7	.5	.1								1.6	5.9
W	.3	2.6	1.6	.1								4.6	6.1
WNW	.3	1.6	1.1	.1								3.1	6.3
NW	.1	2.0	3.4	1.1	.1	.3						7.0	8.8
NNW	.8	1.5	1.3	1.1	.3							5.0	8.2
VARBL													
CALM												22.9	
	9.2	37.0	24.0	5.8	.8	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION DANGOR INTERNATIONAL STATION NAME 74-81 YEARS MAY  
MONTH ALL  
HOURS (L.S.T.) ALL  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.9	1.3	.3	.0						5.7	8.9
NNE	.4	.8	1.3	.7	.1							3.3	8.2
NE	.3	1.1	1.0	.3								2.5	6.9
ENE	.4	.7	1.1	.3								2.5	6.8
E	.4	1.0	.9	.1								2.3	6.2
ESE	.3	.6	.7	.1								1.8	6.6
SE	.4	1.2	1.1	.3	.1	.0						3.0	7.1
SSE	.7	2.5	2.9	1.2	.2	.0						7.5	8.1
S	1.2	5.5	7.3	3.7	.5							18.3	8.4
SSW	.6	1.8	1.6	.5	.0							4.4	7.0
SW	.3	1.1	.7	.2								2.3	6.6
WSW	.3	.9	1.1	.3	.0							2.7	7.4
W	.5	1.8	1.9	1.1	.2							5.4	8.1
WNW	.4	1.6	1.8	1.2	.4	.1	.0					5.5	9.2
NW	.2	1.4	2.2	2.1	.6	.1						6.6	10.6
NNW	.5	1.0	1.9	2.4	.5	.1	.0					6.4	10.7
VARBL													
CALM												19.9	
	7.0	24.8	29.3	15.7	2.9	.4	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5946

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS  
ALL WEATHER CLASS  
0000-6000 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	1.1	.6	.3							4.2	7.8
NNE		.4	.3	.4								1.1	9.6
NE		.4	.1									.6	6.0
ENE	.3	.4	.1									.8	4.7
E	.4	1.1										1.5	4.3
ESE		1.0	.6									1.5	5.5
SE	.8	1.1	.6									2.5	5.1
SSE	1.1	4.4	3.1	.4								9.0	6.3
S	3.5	9.3	3.6	.8	.3							17.5	5.8
SSW	.7	2.8	1.1									4.6	5.5
SW	.7	1.7	.4									2.8	5.2
WSW	.3	1.1										1.4	4.6
W	.7	3.5	1.0	.1								5.3	5.4
WNW	.7	1.1	.4	.3								2.5	6.3
NW	.4	1.1	1.1									2.6	6.5
NNW	.4	1.0	.6	.1								2.1	6.2
VARBL													
CALM												40.0	
	10.6	32.1	14.0	2.8	.6							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS MONTH JUN  
0300-0500 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	1.7	.7								5.0	6.8
NNE	.3	.4	.3	.7	.1							1.9	9.5
NE	.1	.1										.3	4.0
ENE													
E	.1	1.4	.6									2.1	5.9
ESE	.1	.6	.1									.8	5.2
SE	.7	1.4	.8									2.9	5.9
SSE	1.3	4.9	1.9	.1								8.2	5.5
S	2.6	7.2	3.6	1.1								14.6	5.9
SSW	.4	2.9	1.1									4.5	5.3
SW	.7	1.0										1.7	3.8
WSW		2.1	.6									2.6	5.7
W	.4	1.1	1.4	.4								3.3	6.9
WNW	.1	1.1	1.3	.4								2.9	7.2
NW	.4	.6	.7	.4								2.1	7.9
NNW		1.0	1.1									2.1	6.9
VARBL													
CALM												45.1	
	7.9	27.8	15.2	3.9	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 719



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION LANGOR INTERNATIONAL STATION NAME 73-80 YEARS JUN MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	3.5	2.2								8.5	5.2
NNE	.6	.6	1.4	.4								2.9	7.6
NE	.1	1.0	.1									1.2	4.7
ENE	.1	1.0	.1	.1								1.4	6.0
E	.3	.4	.6	.1								1.4	6.5
ESE	.6	1.4	.1									2.1	4.3
SE	.3	1.4	1.0									2.6	6.2
SSE	1.2	2.6	2.8	.8								7.5	6.9
S	1.2	7.5	5.7	1.5								16.0	6.8
SSW	.4	2.6	1.8	.1								5.0	6.4
SW	.6	1.5	.7	.3								3.1	5.9
WSW	1.0	.7	1.0	.3								2.9	6.0
W	.3	2.2	3.2	.6								6.2	7.7
WNW	.6	1.4	1.0	1.4	.1							4.4	8.4
NW		.7	1.5	.8								3.1	9.0
NNW		.7	1.7	.4								2.8	8.7
VARBL													
CALM												28.9	
	8.2	27.5	26.1	9.2	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION DANGOR INTERNATIONAL STATION NAME 73-80 YEARS  
ALL WEATHER CLASS  
CONDITION  
JUN MONTH  
0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	4.7	1.7	.1							3.2	8.9
NNE	.6	1.2	2.2	.7								4.7	7.6
NE		.6	.6									1.1	7.3
ENE	.3	1.1	.4									1.8	5.6
E	.3	1.4	.3	.1								2.1	5.5
ESE	.4	1.1	.3	.3								2.1	5.9
SE	.4	1.5	.8	.6	.1							3.5	7.7
SSE	1.4	2.9	4.4	1.2	.3							10.3	7.9
S	1.4	6.2	6.5	1.7	.4							16.2	7.6
SSW	1.0	1.7	1.8	.3								4.7	6.3
SW	.7	1.4	1.9	.4								4.4	6.9
WSW		1.2	2.5	.6								4.3	8.5
W	.3	1.4	3.9	1.9								7.5	9.7
WNW	.4	.8	2.2	1.8	.1							5.4	9.7
NW	.1	.6	2.4	2.4	.1							5.6	10.7
NNW	.3	1.0	1.7	1.0	.3							4.2	8.6
VARBL													
CALM												13.9	
	8.1	25.3	36.7	14.6	1.5							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS JUN MONTH  
1200-1400  
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.5	3.5	1.3	.6							7.0	9.8
NNE		1.4	2.5	.7	.1							4.7	6.9
NE		.4	.6	.3								1.3	8.2
ENE		.8	.3	.1								1.3	6.2
E		.6	.6	.1								1.3	7.2
ESE	.3	.6	.8	.3								1.9	8.1
SE	.5	1.0	.7	.1	.1							2.5	6.4
SSE	.6	1.3	6.1	3.9	.6							12.4	9.9
S	1.0	4.0	8.5	6.0	.4							19.9	9.3
SSW	.4	1.1	2.8	1.3								5.6	8.6
SW	.1	1.9	1.7	1.3								5.0	8.1
WSW	.3	1.5	3.1	.8								5.7	8.5
W	.3	1.8	2.8	2.2								7.1	9.1
WNW		1.3	3.1	2.4	.1							6.8	9.9
NW	.4	1.0	2.5	2.9	.3							7.1	10.1
NNW	.1	.6	1.7	1.3	.3							3.9	10.5
VARBL													
CALM												6.7	
	4.2	20.7	41.0	24.9	2.5							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	3.5	.6	.4							6.3	8.5
NNE	.4	1.0	2.8	.4								4.6	8.0
NE	.1	1.0	1.1	.1								2.4	7.1
ENE		.4	.4	.1								1.0	8.0
E		.4	.6			.1						1.1	9.8
ESE	.1	.4	.3	.3								1.1	7.9
SE		1.3	1.4	.3								2.9	7.8
SSE	.4	2.1	6.4	3.6								12.5	9.3
S	.4	2.5	13.4	10.3	.7							27.3	10.3
SSW	.1	1.9	3.8	1.0	.1							7.0	8.5
SW	.1	.6	3.6	.8								5.1	8.8
WSW	.1	1.0	1.4	1.0								3.5	8.7
W	.1	1.4	4.0	.8								6.4	8.5
WNW	.1	1.0	2.5	2.1								5.7	10.0
NW		.6	2.5	1.8								4.9	10.5
NNW	.3	.7	1.7	.8	.1							3.6	9.1
VARBL													
CALM												4.7	
	2.9	17.5	49.2	24.1	1.4	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS JUN MONTH  
1800-2100 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.5									4.4	6.8
NNE	.3	1.1	1.7	.1								3.2	6.7
NE	.1	.6	.8									1.5	6.9
ENE		.6	.4	.3								1.2	6.0
E		.6	.3	.1								1.0	6.6
ESE		.3	.4	.3								1.0	6.1
SE	1.0	.6	1.9	.1	.1							3.7	7.4
SSE	.8	4.9	6.0	1.8	.7							14.2	8.3
S	1.7	10.4	11.7	4.2	.1							28.1	7.7
SSW	.7	3.1	3.1	.6								7.4	7.0
SW	.6	1.5	1.1	.6								3.7	6.7
WSW	.4	1.5	.1	.1								2.2	5.4
W	.7	1.9	1.0	.1								3.7	5.9
WNW	.1	2.2	1.8	.1	.1							4.4	7.4
NW	.6	1.9	1.9	.3								4.7	6.9
NNW	.4	1.4	2.4	.4								4.6	7.4
VARBL													
CALM												10.8	
	8.3	33.5	37.1	9.2	1.1							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601

BANGOR INTERNATIONAL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.9	.8	.3								3.7	6.
NNE	.4	.3	.8	.1								1.7	7.
NE	.4	.8	.4	.1								1.6	5.
ENE	.1	.1		.1								.4	6.
E	.1	.4	.1									.7	5.
ESE	.1	.7	.3	.1								1.2	6.
SE	.3	1.9	1.0	.1								3.3	5.
SSE	1.9	4.6	3.6	.1								10.3	5.
S	3.2	11.2	6.4	1.4	.4							22.6	6.
SSW	1.0	2.6	1.8	.3								5.7	5.
SW	.6	2.2	1.1									3.9	5.
WSW	.3	1.0	.3									1.5	5.
W	.6	1.5	1.2	.1								3.5	5.
WNW	.7	1.7	.7	.4								3.5	6.
NW	.4	1.1	1.4	.1								3.1	6.
NNW	.6	.8	1.1									2.5	6.
VARBL													
CALM												30.6	
	11.4	33.1	21.1	3.5	.4							100.0	4.

TOTAL NUMBER OF OBSERVATIONS

72

AD-A113 178

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
BANGOR INTERNATIONAL/DOW AFB, MAINE. REVISED UNIFORM SUMMARY OF--ETC (1)  
NOV 81

UNCLASSIFIED

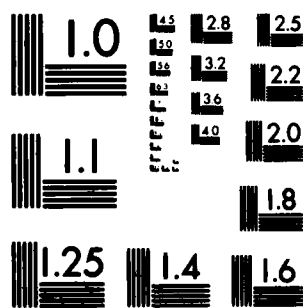
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 BANGOR INTERNATIONAL 73-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
JUN  
MONTH  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	2.7	.9	.2							5.9	8.1
NNE	.3	.8	1.5	.5	.0							3.1	8.0
NE	.1	.6	.5	.1								1.3	6.5
ENE	.1	.6	.2	.1								1.0	6.4
E	.2	.8	.4	.1		.0						1.4	6.2
ESE	.2	.7	.4	.2								1.5	6.5
SE	.5	1.3	1.0	.2	.1							3.0	6.6
SSE	1.1	3.5	4.3	1.5	.2							10.5	7.7
S	1.9	7.3	7.4	3.4	.3							20.3	7.7
SSW	.6	2.3	2.2	.4	.0							5.5	6.8
SW	.5	1.5	1.3	.4								3.7	6.6
WSW	.3	1.3	1.1	.3								3.0	7.2
W	.4	1.9	2.3	.8								5.4	7.7
WNW	.3	1.3	1.6	1.1	.1							4.5	8.6
NW	.3	.9	1.8	1.1	.1							4.1	8.9
NNW	.3	.9	1.5	.5	.1							3.2	8.2
VARBL													
CALM												22.6	
	7.7	27.2	30.1	11.5	1.0	.0						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 5757

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS JUL MONTH  
ALL WEATHER CLASS 0000-0000 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	.1									2.3	4.8
NNE	.3	.5	.1									.9	4.1
NE		.5	.1									.7	4.6
ENE	.1	.1	.1									.4	5.0
E	.3	.1	.1									.5	4.8
ESE		.1										.1	5.0
SE	.1	1.6	.5									2.3	5.6
SSE	.8	4.0	1.9	.4								7.1	6.0
S	3.1	8.3	3.4	.4								15.2	5.4
SSW	1.3	4.0	.4									5.8	4.6
SW	.4	1.3										1.7	4.3
WSW	.5	.9	.3									1.7	4.8
W	.8	2.0	1.3	.1								4.3	6.0
WNW	.4	1.9	.8	.4								3.5	6.5
NW	.4	1.2	.7	.3								2.6	6.2
NNW	.3	1.1	.8	.3								2.4	6.4
VARBL													
CALM												48.4	
	9.4	29.6	10.8	1.9								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS  
CLASS ALL WEATHER  
CONDITION  
JUL MONTH  
0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.9	.1									3.1	4.2
NNE	.9	.5										1.5	3.5
NE		.4										.4	4.3
ENE	.1	.4	.1									.7	5.4
E	.1	.5	.3									.9	5.1
ESE	.4	.5										.9	3.6
SE	.7	.7	.1									1.5	3.9
SSE	1.2	3.0	1.9									6.0	5.7
S	3.2	4.8	3.9	.3								12.2	5.7
SSW	.7	2.2	.4									3.2	4.7
SW	.1	1.2	.1									1.5	4.9
WSW	.4	1.6	.3									2.3	5.1
W	.5	2.2	1.2									3.9	5.6
WNW	.7	3.1	.4	.3								4.4	5.5
NW	.5	1.3	.9	.1								3.0	5.8
NNW	.4	1.1	1.5	.1								3.1	6.6
VARBL													
CALM												51.3	
	11.2	25.4	11.3	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS JUL MONTH 0600-0800 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	1.9	.1								3.6	6.7
NNE	.4	.9	.1									1.5	3.9
NE	.4	.3	.3									.9	5.0
ENE	.3	.7	.4									1.3	5.8
E		.4	.4									.8	6.2
ESE	.4	.4										.8	4.0
SE	.4	.8	.4									1.6	5.5
SSE	1.2	3.4	3.0	.7								8.2	6.9
S	2.3	8.3	5.2	1.2								17.1	6.3
SSW	1.1	2.0	.9	.3								4.3	5.8
SW	.8	1.9	.5	.1								3.4	4.9
WSW	1.2	2.4	.7	.3								4.6	5.3
W	.9	3.2	3.1	.4	.1							7.8	6.8
WNW	.1	1.1	1.9	.3								3.4	7.6
NW	.3	1.3	1.7	1.7								5.1	8.8
NNW	1.2	1.7	2.6	1.2	.1							6.9	7.6
VARBL													
CALM												28.8	
	11.4	30.1	23.1	6.3	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS JUL MONTH  
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	2.7	.7	.1							6.7	7.3
NNE	.4	.7	.4									1.5	5.1
NE	.4	.7	.1									1.2	4.6
ENE	.3	.1	.4	.1								.9	7.1
E	.4	.5	.5									1.5	5.4
ESE		.1	.1	.1								.4	8.3
SE	.4	.9	.7									2.0	5.8
SSE	.5	3.0	5.5	.8								9.8	7.8
S	.8	5.9	8.3	2.8	.5	.1						18.5	8.3
SSW	.7	3.0	2.6	.1								6.3	6.3
SW	.4	1.3	2.6	.3								4.6	7.3
WSW	.4	2.6	2.0	.9								5.9	7.3
W	.1	1.7	3.0	1.3								6.2	8.5
WNW	.4	2.0	3.1	1.3								6.9	8.3
NW	.3	1.1	3.0	2.0	.3	.1						6.7	9.8
NNW	.4	1.6	3.4	.8								6.2	8.1
VARBL													
CALM												14.7	
	6.5	28.0	38.3	11.4	.9	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS JUL MONTH  
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	2.6	1.6								6.7	8.2
NNE		.4	.3									.7	6.0
NE		.4	.4									.8	6.8
ENE		.5	.4									.9	6.1
E	.4	.4	.3									1.1	4.9
ESE		.7										.7	4.8
SE		.4	.9	.3								1.6	8.0
SSE	.4	2.8	5.0	2.6	.3							11.0	9.0
S	.7	4.0	10.9	3.8	.5	.1	.1					20.2	9.1
SSW	.1	1.6	2.6	.7								5.0	7.9
SW	.3	1.6	3.9	.7		.1						6.6	8.2
WSW	.1	1.7	3.6	1.6	.1							7.3	8.9
W	.3	1.3	3.9	1.6	.1	.1						7.4	9.1
WNW	.3	1.3	3.0	1.7	.4	.1						6.9	9.6
NW	.3	1.3	3.5	1.9	.3	.4						7.7	10.1
NNW	.3	1.1	4.3	1.6								7.3	8.9
VARBL													
CALM												8.3	
	3.5	21.9	45.4	18.0	1.7	.9	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS JUL MONTH 1500-1700 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	2.4	1.3	.1							6.2	8.6
NNE	.1	.7	.1	.3								1.2	6.6
NE		.3	.3									.5	6.5
ENE		.3	.3									.5	6.8
E	.4	.4	.3	.1								1.2	5.8
ESE	.1	.8	.1									1.1	4.9
SE	.5	.8	.3									1.6	4.8
SSE	.3	1.7	6.6	3.4								12.0	9.3
S	.4	4.2	12.2	6.9	.9							24.6	9.7
SSW	.1	2.2	4.4	1.2								7.9	8.5
SW	.3	1.6	2.4	.4								4.7	7.6
WSW	.3	1.9	2.2	.5	.1							5.0	7.6
W	.5	3.2	2.8	.8								7.4	7.3
WNW	.7	2.0	2.7	1.3	.3							7.0	8.1
NW		1.5	3.5	1.5	.5							7.0	9.8
NNW		1.5	2.7	1.1	.3	.1						5.6	9.6
VARB													
CALM												6.5	
	3.9	25.1	43.3	18.8	2.3	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14671 BANGOR INTERNATIONAL 73-80 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	1.6									4.0	6.4
NNE		.7	.3									.9	6.0
NE	.1	.3	.3									.7	5.8
ENE	.4	.1										.5	3.0
E	.3	.4	.5									1.2	6.3
ESE	.3	.4	.1									.8	4.5
SE		.9	.7									1.6	6.9
SSE	1.1	7.0	7.0	.9								16.0	6.7
S	1.3	12.4	11.4	2.4								27.6	7.2
SSW	.9	4.0	2.8	.1								7.9	6.0
SW	.4	2.6	1.2									4.2	5.8
WSW	.8	2.4										3.2	4.3
W	.5	3.8	1.1	.1								5.5	5.5
WNW	.7	1.6	1.9									4.2	6.0
NW	.1	1.6	2.0	.9								4.7	8.0
NNW	.7	2.2	3.0	.1								5.9	6.9
VARBL													
CALM												11.0	
	8.1	42.3	33.9	4.7								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS JUL MONTH  
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	1.2									3.6	6.1
NNE	.7	.3										.9	3.4
NE	.1	.3										.4	3.3
ENE													
E		.3	.1									.4	6.0
ESE		.1	.1									.3	7.0
SE	.9	.4	.1	.1								1.6	5.0
SSE	1.9	5.6	2.8	.8								11.2	6.0
S	5.0	11.6	5.8	1.2								23.5	5.6
SSW	2.0	5.1	1.6									8.7	4.9
SW	.4	2.0	.3									2.7	4.6
WSW	.4	1.7	.3									2.4	4.8
W	.3	2.2	1.1									3.5	5.7
WNW	.7	2.0	1.3	.3								4.3	5.9
NW	.4	1.1	1.1	.3								2.8	6.9
NNW	.3	1.6	.8									2.7	5.9
VARBL													
CALM												30.9	
	13.3	36.4	16.7	2.7								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS JUL MONTH ALL HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.0	1.6	.5	.0							4.5	7.0
NNE	.4	.6	.2	.0								1.1	4.7
NE	.1	.4	.2									.7	5.2
ENE	.2	.3	.2	.0								.7	5.8
E	.2	.4	.3	.0								1.0	5.6
ESE	.2	.4	.1	.0								.6	4.8
SE	.4	.8	.5	.1								1.7	5.7
SSE	.9	3.8	4.2	1.2	.0							10.2	7.3
S	2.1	7.4	7.6	2.4	.3	.0	.0					19.9	7.3
SSW	.9	3.0	2.0	.3								6.1	6.2
SW	.4	1.7	1.4	.2		.0						3.7	6.5
WSW	.5	1.9	1.2	.4	.0							4.0	6.6
W	.5	2.5	2.2	.6	.0	.0						5.7	7.1
WNW	.5	1.9	1.9	.7	.1	.0						5.1	7.5
NW	.3	1.3	2.0	1.1	.1	.1						4.9	8.8
NNW	.4	1.5	2.4	.7	.1	.0						5.0	7.8
VARBL													
CALM												25.0	
	8.4	29.9	27.8	8.1	.7	.2	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	.8	.3								3.8	5.6
NNE	.4	.3	.3	.1								1.1	5.9
NE	.3	.8	.4									1.5	5.5
ENE	.1	.3										.4	5.0
E	.1	.3										.4	5.0
ESE	.1	.1										.3	3.5
SE	.4	.4	.1									.9	4.0
SSE	.9	4.6	2.0	.5								8.1	5.9
S	2.0	6.3	2.7	.3								11.3	5.4
SSW	.9	2.4	.7									4.0	4.9
SW	1.3	1.7										3.1	3.9
WSW	.3	1.1	.8									2.2	5.6
W	.9	2.2	1.2	.3								4.6	6.1
WNW	.4	2.2	.7									3.2	5.2
NW	.3	2.2	.4									2.8	5.0
NNW	.7	1.2	.3	.1								2.3	5.4
VARBL													
CALM												50.1	
	10.0	28.0	10.4	1.6								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 SANGOR INTERNATIONAL 73-80 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
0300-0500  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	1.2	.1								4.7	5.7
NNE	.3	.4	.1	.1								.9	6.0
NE	.1	1.1	.4									1.6	5.8
ENE	.1	.1	.5									.8	6.8
E		.3	.1									.4	6.0
ESE	.1	.3	.4									.8	6.2
SE	.5	.7		.1								1.3	4.7
SSE	.8	3.2	1.9	.3								6.2	6.1
S	1.2	4.7	2.6									6.5	5.6
SSW	.7	2.3	.9									3.9	5.0
SW	.9	1.6	.1									2.7	4.2
WSW	.4	1.6	.4									2.4	4.9
W	.3	1.2	1.9	.1								3.5	6.7
WNW	.7	1.2	.4									2.3	5.3
NW	.7	.9	.4	.3	.1							2.4	6.2
NNW	.1	1.6	.7	.1								2.6	6.3
VARBL													
CALM												55.0	
	8.1	23.5	12.1	1.2	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	2.6	.5								7.0	6.6
NNE	.4	1.3	.9	.1								2.7	5.8
NE	.1	.8	.5									1.5	6.5
ENE		.3	.1									.9	5.0
E		.5	.4									.9	6.6
ESE	.1	.7	.3									1.1	5.6
SE	.3	1.2	.4	.1								2.0	5.9
SSE	.4	2.0	1.9	.4								4.7	6.8
S	2.2	5.2	2.3	.3								9.9	5.3
SSW	.1	2.2	.3									2.6	5.4
SW	.5	1.7	.1									2.4	5.0
WSW	.7	2.0	.7	.1								3.5	5.2
W	.3	3.1	3.0	.5								6.9	7.0
WNW	.4	2.3	1.7	.8								5.2	7.6
NW	.3	1.2	.8	.3	.1							2.7	7.2
NNW	.4	1.5	1.3	.4								3.6	7.2
VARBL													
CALM												42.3	
	7.3	29.4	17.2	3.6	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS AUG MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.9	3.0	.8								6.5	7.4
NNE	.1	1.3	1.2									2.7	6.6
NE		1.6	.5	.1								2.3	5.7
ENE	.3	.5										.8	4.3
E	.1	1.1	.7	.1								2.0	6.1
ESE	.3	.9	.3									1.5	4.9
SE	.7	.8	.8	.1	.1							2.6	6.6
SSE	.1	1.7	2.8	.5								5.2	7.6
S	2.0	4.6	4.2	.7								11.4	6.5
SSW	.1	2.8	1.9	.1								5.0	6.6
SW	.5	1.5	1.6									3.6	6.5
WSW	.1	1.5	1.7	.9								4.3	8.0
W	.5	2.4	4.0	2.6								9.5	8.5
WNW	.1	3.1	3.2	2.0	.1							3.6	8.7
NW		1.9	3.0	1.2								6.0	8.6
NNW	.5	1.2	1.9	2.8	.3							6.7	9.7
VARBL													
CALM												21.2	
	6.5	28.9	30.8	12.1	.5							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS  
ALL WEATHER  
CLASS  
CONDITION  
AUG MONTH  
1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	2.8	1.6	.1							6.7	8.6
NNE		.7	.7	.1								1.5	7.1
NE	.1	.5	.7									1.3	6.4
ENE	.1	.7	.7									1.5	6.6
E	.4	.5	.3	.1								1.3	5.7
ESE	.1	.1	.4	.3								.9	8.0
SE	.1	.7	.8	.3		.3						2.2	9.8
SSE	.3	3.2	4.0	1.2	.3							9.0	8.4
S	.8	3.1	8.2	3.2	.3							15.6	8.7
SSW	.3	1.6	2.7	.4								5.0	7.6
SW	.3	1.3	2.0	.3								3.9	7.3
WSW	.5	3.0	2.6	.7								6.7	7.0
W	.5	1.5	4.7	2.8								9.5	9.3
WNW	.4	2.6	2.4	2.0	.4							7.8	8.8
NW		1.2	2.0	1.5	.4							5.1	10.2
NNW	.1	2.0	4.8	2.4	.1							9.5	9.2
VARBL													
CALM												12.4	
	4.4	24.6	39.8	16.9	1.6	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS AUG MONTH 1500-1700 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.3	.8	.1							4.7	8.4
NNE	.5	.9	.7	.1								2.3	6.1
NE	.5	.8	.4									1.7	4.8
ENE		.1										.1	6.0
E		.4	.5									.9	7.0
ESE	.3	.4	.5									1.2	5.9
SE	.3	.5	.9	.3								2.0	7.6
SSE	.1	2.6	5.1	1.6	.8							10.2	9.3
S	1.3	5.2	14.2	3.9	.1							24.9	8.3
SSW	.3	3.1	3.9	.9								3.2	7.6
SW	.1	1.9	1.6	.5								4.2	7.2
WSW	.4	2.4	1.6	.3								4.7	6.8
W	.8	2.0	3.4	1.5	.1							7.8	8.3
WNW	.3	1.7	2.8	2.0								6.9	8.7
NW	.3	1.6	2.8	1.1	.4	.1						6.3	9.3
NNW	.3	2.0	4.8	1.1								8.2	8.2
VARBL													
CALM												5.6	
	5.6	27.2	45.7	14.1	1.6	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	1.1									3.4	5.7
NNE	.1	.9	.3									1.3	5.1
NE	.4	.9	.1									1.5	4.7
ENE		.8	.3									1.1	6.1
E		.5	.4									.9	6.0
ESE	.1	.5	.4									1.1	5.8
SE	.8	.7	.7	.1								2.3	5.9
SSE	1.1	5.8	5.5	.7								13.1	6.9
S	1.3	13.1	9.7	1.1								25.2	6.4
SSW	.9	3.9	2.7									7.5	6.0
SW	.1	1.3	.3									1.7	5.2
WSW	.7	1.5	.1	.3								2.6	5.2
W	.7	2.7	1.5	.3								5.1	6.3
WNW	.1	3.1	2.0	.3	.1							5.7	7.0
NW	.3	2.0	2.3	.3	.3							5.1	7.3
NNW	.3	3.4	2.3	.1								6.1	6.4
VARBL													
CALM												16.4	
	7.3	43.2	29.6	3.1	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS AUG MONTH  
2100-2300 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	.7	.9	.1								2.3	6.2
NNE	.3	.8	.4									1.5	5.1
NE	.3	.3	.1									.7	4.8
ENE	.1		.1									.3	5.5
E	.3	.3	.3									.8	5.0
ESE		.7	.1									.8	5.5
SE	.5	.7	.9	.1								2.3	6.1
SSE	2.2	4.3	2.7	.4								9.5	5.7
S	3.9	10.3	4.2	.4	.1							19.0	5.5
SSW	.7	2.4	.8	.1								4.0	5.0
SW	.7	1.6	.5	.1								3.0	5.0
WSW	.3	1.3	.5		.1							2.3	6.0
W		4.8	1.3	.1	.1							6.5	5.9
WNW	.8	3.2	.5									4.6	5.0
NW	.1	2.0	.5	.3								3.0	6.4
NNW	.8	1.7	1.3	.3								4.2	5.9
VARBL													
CALM												35.5	
	11.4	35.2	15.5	2.0	.4							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS AUG MONTH ALL HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.8	.5	.0							4.9	7.0
NNE	.3	.8	.6	.1								1.7	6.0
NE	.2	.9	.4	.0								1.5	5.6
ENE	.1	.4	.2									.7	5.8
E	.1	.5	.3	.0								1.0	6.0
ESE	.2	.5	.3	.0								1.0	5.8
SE	.5	.7	.6	.2	.0	.0						1.9	6.6
SSE	.7	3.4	3.2	.7	.1							8.3	7.2
S	1.8	6.6	6.0	1.2	.1							15.7	6.7
SSW	.5	2.6	1.7	.2								5.0	6.3
SW	.6	1.6	.8	.1								3.1	5.7
WSW	.4	1.8	1.1	.3	.0							3.6	6.3
W	.5	2.5	2.6	1.0	.0							6.7	7.6
WNW	.4	2.4	1.7	.9	.1							5.5	7.6
NW	.2	1.6	1.5	.6	.2	.0						4.2	8.0
NNW	.4	1.8	2.2	.9	.1							5.4	7.8
VARBL													
CALM												29.8	
	7.6	30.0	25.1	6.8	.6	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 5950

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS SEP MONTH  
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.5	1.2	.3								4.4	6.2
NNE		.4	.6	.3								1.2	8.2
NE	.6	.3	.3									1.1	4.9
ENE		.4	.1									.6	5.0
E		.6										.5	4.5
ESE		.1	.1	.1								.4	9.0
SE	.1	.3	.6	.3								1.2	8.0
SSE	.1	2.8	1.8	1.0								5.7	7.5
S	2.6	6.4	3.7	.4	.1							13.3	5.9
SSW	.6	1.7	1.0	.1								3.3	5.0
SW	.3	1.5	.7									2.5	5.6
WSW	1.2	.8	.7	.1								2.9	5.1
W		2.1	1.7	.3	.1							4.2	7.3
WNW	.6	1.7	1.4		.1							3.7	6.6
NW	.1	1.4	2.9	.4								4.9	7.9
NNW	.3	2.1	1.2	.1								3.7	6.3
VARBL													
CALM												46.1	
	6.9	25.0	18.1	3.5	.4							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	2.2	.7								5.6	7.0
NNE		.1	.6	.1	.1							1.0	10.1
NE	.4	.3										.7	3.8
ENE	.1											.1	3.0
E		.3	.1									.4	5.3
ESE	.1	.3	.1									.6	4.8
SE	.6	.3	.1	.7								1.7	8.3
SSE	.7	3.1	1.7	.3	.3							6.0	6.5
S	1.7	4.2	2.9	.4	.1							9.3	6.0
SSW	.8	1.8	.4	.1								3.2	5.1
SW	.7	1.5	.4									2.6	4.9
WSW	.3	1.4	.4									2.1	5.3
W	.4	2.9	1.8	.7	.1							6.0	7.0
WNW	1.0	2.1	1.9	.4								5.4	6.2
NW	.4	1.7	1.1	.6								3.7	7.1
NNW	.4	2.4	1.2	.1								4.2	5.8
VARBL													
CALM												47.5	
	8.6	23.9	15.1	4.2	.7							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS SEP MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.9	3.9	.6								7.6	7.2
NNE	.6	.7	.6	.1								1.9	5.9
NE	.1	.8	.4									1.4	5.3
ENE	.4	.6	.1									1.1	4.4
E		.3										.3	4.5
ESE	.3	.1										.4	3.0
SE	.1	1.1		.1								1.4	5.7
SSE	.3	2.2	.7	.8								4.0	7.1
S	1.0	4.9	3.6	1.8	.1							11.4	7.4
SSW	1.0	1.9	.8	.4								4.2	5.9
SW	.6	.8	.7	.1								2.2	6.3
WSW	.6	1.1	1.2									2.9	6.0
W	.4	2.1	2.9	.7	.3							6.4	8.2
WNW	.4	2.5	3.7	.7	.3							7.6	7.9
NW	.4	1.9	1.1	1.2								4.7	7.9
NNW	.4	1.2	2.5	.7								4.9	7.9
VARBL													
CALM												37.5	
	6.8	25.3	22.4	7.4	.7							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS SEP MONTH 0900-1100 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	4.9	1.7								9.3	8.3
NNE	.3	2.2	.4	.4	.1							3.5	6.5
NE	.1	.6	.3	.1								1.1	6.4
ENE	.4	.8										1.3	4.7
E	.3	.4										.7	3.8
ESE	.3	.6	.3									1.1	5.3
SE	.4	1.0	.8	.7								2.9	7.7
SSE	.4	2.2	2.2	.8	.1	.1						6.0	8.2
S	.6	3.6	6.0	3.3	.6							14.0	9.1
SSW	.8	1.7	2.5	.7								5.7	7.7
SW	.1	1.5	1.5	.3								3.5	7.0
WSW	.1	1.8	1.0	.6								3.5	7.2
W	.7	.7	2.8	2.8	.4							7.4	9.9
WNW		1.3	2.2	2.6	.8							7.0	11.2
NW		.4	3.2	4.3	1.1							9.0	12.0
NNW	.3	1.8	3.6	1.9								7.1	8.8
VARBL													
CALM												16.4	
	5.6	22.7	31.7	20.3	3.2	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 DANGOR INTERNATIONAL 73-80 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	2.4	3.5	1.0								6.9	7.6
NNE		.8	.8	.4								2.1	8.1
NE		.4										.4	4.0
ENE	.1	.6	.3									1.0	5.1
E	.1	.8	.1									1.1	4.3
ESE	.1	.4	.1	.3								1.0	7.9
SE	.4	.3	1.0	.6								2.2	8.0
SSE		1.8	3.2	3.3								8.3	9.7
S	.6	2.5	6.5	5.7	1.0	.1						16.4	10.3
SSW	.1	2.2	2.8	1.5								6.7	8.3
SW		1.2	2.9	.6	.3							5.0	8.6
WSW	.3	.7	1.8	.4								3.2	8.0
W	.3	.8	4.4	3.3	.4							9.3	10.3
WNW	.1	.8	3.7	4.3	.8							9.9	11.2
NW		.8	2.1	3.7	.7	.1						7.5	11.4
NNW	.3	2.5	3.5	4.0	.1							10.4	9.5
VARBL													
CALM												8.6	
	2.6	19.2	36.8	29.2	3.3	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

14601 BANGOR INTERNATIONAL 73-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
SLP  
MONTH  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.1	2.8	.8								7.4	7.2
NNE	.6	1.4	1.1	.1								3.2	6.1
NE	.1	.6	.3									1.0	5.1
ENE		.6	.1									.7	5.2
E		.3	.1									.4	6.0
ESE		.6	.4	.3								1.2	7.4
SE	.1	.8	1.0	.3								2.2	7.5
SSE	.1	1.9	4.7	3.2	.6							10.6	9.9
S	.1	4.4	8.5	5.6	.6							19.2	9.3
SSW	.6	1.4	2.9	1.8	.3							6.9	9.0
SW	.1	1.1	1.4	.6								3.2	7.9
WSW		.6	1.2									1.8	7.2
W	.8	2.5	4.9	1.0								9.2	7.8
WNW	.3	1.2	4.4	2.8	.3							9.0	10.1
NW		1.9	2.6	2.9	.4		.1					8.1	10.4
NNW		1.9	4.0	1.4	.1							7.5	9.1
VARBL													
CALM												8.5	
	3.6	24.3	40.6	20.7	2.2		.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 HANGOR INTERNATIONAL 73-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
SEP  
MONTH  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.9	1.5	.3								5.2	6.6
NNE	.1	1.1	.8	.1								2.2	6.8
NE	.3	.4	.1									.8	5.0
ENE		.3	.3									.6	7.0
E	.1	.7	.1									1.0	4.3
ESE	.1	.7										.8	5.2
SE	.6	.8	1.0		.1		.1					2.6	7.8
SSE	2.2	4.3	4.3	1.0	.3							12.1	6.8
S	1.2	8.1	7.5	3.3	.4							20.6	7.6
SSW	.1	2.5	2.2	.3	.3							5.4	7.7
SW	.3	1.1	.8	.3	.4							2.9	8.2
WSW	.6	.8	.7	.1								2.2	6.1
W	1.1	3.1	1.5	.4								6.1	6.0
WNW	.6	2.9	2.6	.1								6.2	6.2
NW	.3	1.2	3.3	.4	.1							5.4	8.1
NNW	.3	2.4	3.1	.1								5.8	7.1
VARBL													
CALM												20.1	
	8.2	33.3	39.0	6.5	1.7		.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS SEP MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.6	1.2	.1								4.7	5.8
NNE	.6	.7	.3	.3								1.8	6.2
NE		.4		.1								.6	7.3
ENE		.4	.3									.7	6.6
E		.6	.1									.7	5.2
ESE		.3	.1									.4	3.7
SE	.6	.4	.7									1.7	6.1
SSE	1.1	2.4	3.1	.1	.1							4.8	6.6
S	2.2	7.6	5.8	1.2	.3	.1						2.4	6.8
SSW	.6	2.4	1.2	.4	.1	.1						4.9	7.1
SW	.7	1.7	.8	.3								3.5	5.9
WSW	.4	1.5	.7	.1								2.8	5.9
W	.1	3.2	1.7	.4								5.4	6.4
WNW	.1	3.2	1.8									5.1	6.0
NW	.3	2.6	1.4	1.1	.1							5.6	7.7
NNW	.4	2.4	1.0									3.7	5.7
VARBL													
CALM												34.3	
	7.8	32.4	20.3	4.3	.7	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS SEP MONTH ALL HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.5	2.7	.7								5.4	7.2
NNE	.3	.9	.6	.2	.0							2.1	6.9
NE	.2	.5	.2	.0								.9	5.3
ENE	.1	.5	.2									.7	5.2
E	.1	.5	.1									.6	4.6
ESE	.1	.4	.2	.1								.7	6.2
SE	.4	.6	.6	.3	.0		.0					2.0	7.5
SSE	.6	2.6	2.7	1.3	.2	.0						7.4	7.9
S	1.3	5.2	5.6	2.7	.4	.0						15.2	8.0
SSW	.6	1.9	1.7	.7	.1	.0						5.0	7.4
SW	.3	1.3	1.2	.3	.1							3.2	7.1
WSW	.4	1.1	1.0	.2								2.7	6.4
W	.5	2.2	2.7	1.2	.2							6.7	8.1
WNW	.4	2.0	2.7	1.4	.3							6.8	8.6
NW	.2	1.5	2.2	1.8	.3	.0	.0					6.1	9.6
NNW	.3	2.1	2.5	1.1	.0							6.0	8.0
VARBL													
CALM												27.4	
	6.3	25.9	26.9	12.0	1.6	.1	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	2.0	.9								5.4	7.3
NNE	.1	1.6	.5									2.3	5.8
NE		.7	.7	.1								1.5	7.3
ENE		.9	.9									1.9	6.4
E		.7	.4	.1								1.2	7.2
ESE	.1	.4	.4	.1	.1	.1						1.3	10.3
SE	.4	.8	.9	.3								2.4	6.5
SSE	.9	1.2	1.2	.5	.1							4.0	7.0
S	.1	3.5	2.4	.4	.3	.1						7.9	6.9
SSW	1.5	1.3	.5		.1							3.5	5.2
SW	.8	2.2	.4									3.4	4.7
WSW	.4	2.6	1.5	.1								4.6	6.1
W	.5	4.3	2.4		.1							7.4	6.4
WNW	.5	1.2	2.3	1.1	.3							5.4	6.8
NW	.5	1.3	3.2	.8	.1							6.0	8.0
NNW	.1	1.1	1.2	.7								3.1	8.3
VARBL													
CALM												36.8	
	7.7	25.7	21.1	5.2	1.2	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS OCT MONTH  
0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.6	2.3	.8								5.1	7.2
NNE		.9	.8	.1								1.9	7.2
NE	.4	.5	.5	.4								1.9	6.9
ENE	.3	1.5	.4	.1								2.3	5.8
E		.5	.4		.1							1.1	8.1
ESE		.4		.1	.1							.7	9.4
SE		1.6	.1		.1							1.9	5.6
SSE	.8	1.1	.8	.5								3.2	6.4
S	.8	5.7	2.6	.8	.3							10.1	6.8
SSW	.3	.9	.4	.1								1.8	6.2
SW	1.2	1.1	.3									2.6	3.9
WSW	.8	3.0	.8									4.6	5.2
W	.7	2.7	3.4	.5								7.3	7.0
WNW	.5	3.4	2.0	1.1								7.0	7.2
NW	.1	1.8	2.0	1.2	.4							5.5	8.9
NNW	.1	1.2	1.2	.3	.1							3.0	6.1
VARBL													
CALM												39.2	
	6.5	29.8	18.1	6.2	1.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

007  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	2.3	1.5								6.2	8.1
NNE		1.5	.9	.1								2.6	6.8
NE		.9	.9									1.9	7.0
ENE	.3	.8	.8									1.9	6.3
E	.1	.3	.4	.1								.9	8.1
ESE		.7	.3	.1								1.1	7.4
SE	.3	.7	.1	.3		.1						1.5	7.8
SSE	.1	1.7	.9	.4								3.2	6.6
S	1.2	4.3	3.0	1.3	.1							10.0	7.1
SSW	.8	1.1	1.3	.4	.1							3.8	7.2
SW	.3	1.5	.8	.5								3.1	6.9
WSW	.9	1.7	1.1									3.8	5.4
W	.2	3.2	4.2	.8	.1							9.2	7.5
WNW	.5	2.6	2.3	1.2	.3							6.9	5.1
NW	.7	1.6	2.6	1.6	.5							7.0	9.2
NNW	.7	2.3	.9	.4	.4							4.7	7.5
VARBL													
CALM												32.4	
	7.1	26.9	22.9	8.9	1.6	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14671 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS OCT MONTH 0900-1100 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	4.6	1.5	.1							9.6	8.5
NNE	.1	.9	1.2	1.2								3.4	8.9
NE		.8	.9									1.7	6.6
ENE	.3	.5	.7									1.5	6.5
E	.3	.5	.1	.1								1.1	5.9
ESE		.4	.5									.9	7.3
SE		.8	.8	.7	.3							2.6	9.3
SSE	.7	.7	1.2	.7	.1							3.4	7.8
S	.5	3.1	6.1	2.6	.4	.1						12.8	9.0
SSW	.3	1.9	2.6	1.1	.1							5.9	8.3
SW		.5	1.9	.9	.1							3.5	9.7
WSW	.4	1.3	2.2	.5	.7							5.1	9.4
W	.1	2.3	5.0	2.7	.8	.1						11.0	10.0
WNW	.1	1.5	3.0	5.0	1.1	.3						10.9	11.9
NW	.1	.9	2.6	4.3	.7							8.6	11.6
NNW	.5	1.1	3.8	1.7	.7							7.8	10.1
VARBL													
CALM												11.2	
	4.0	19.1	37.0	23.0	5.1	.5						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 743



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS OCT MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.4	3.1	1.2								8.6	7.3
NNE	.4	.5	.9	.4								2.3	7.1
NE	.1	.5	.7									1.3	7.1
ENE	.1	.5	.7									1.3	6.6
E	.4	.7	.7	.3								2.0	6.9
ESE		.8	.8	.4								2.0	8.4
SE	.1	.9	.9	.5	.1							2.7	8.5
SSE	.3	1.1	3.1	.7	.3							5.4	8.8
S	.1	1.7	5.9	4.6	.7	.1						13.2	10.3
SSW	.3	1.6	1.3	1.5								4.7	8.3
SW	.1	.4	1.6	.7	.1							3.0	10.0
WSW	.1	1.3	2.3	2.4	.7	.1						7.0	10.6
W	.3	2.4	3.5	2.3	1.2							9.7	10.3
WNW	.5	1.5	4.7	5.1	1.5		.1					13.4	11.3
NW	.1	.3	3.4	5.0	.7							9.4	12.1
NNW	.3	1.2	2.7	2.0	.7							6.9	10.3
VARBL													
CALM												7.1	
	4.3	19.0	36.3	27.0	5.9	.3	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS OCT MONTH  
1500-1700 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	3.1	.9								6.3	8.0
NNE	.4	.8	.4	.4								2.0	6.7
NE	.4	.7	.9									1.9	5.9
ENE		.7	.3									.9	6.3
E	.1	1.1	1.1									2.3	6.3
ESE	.4	1.2	.7	.3								2.6	6.5
SE		.8	1.5	.5	.3	.1						3.2	9.9
SSE	.3	2.6	3.0	1.6	.1							7.5	8.3
S	.9	4.3	6.5	3.8	.3							15.7	8.6
SSW		.7	.8	.5								2.0	8.5
SW	.3	.9	.9	.3								2.4	6.9
WSW	.1	1.6	2.0	.5								4.3	8.1
W	.7	1.6	4.6	3.1	.9							10.9	10.0
WNW	.3	1.6	3.9	3.5	.7							9.9	10.3
NW	.3	1.6	4.8	2.3	.9							9.9	10.0
NNW	.7	.8	2.3	2.0	.3							6.0	9.3
VARBL													
CALM												12.0	
	5.4	22.7	36.6	19.8	3.5	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION RANGOR INTERNATIONAL 73-80 YEARS OCT MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.6	2.3	.1								5.2	7.0
NNE	.4	.9		.3								1.6	5.7
NE	.1	.4	.1									.7	5.4
ENE	.1	.4	.5	.1								1.2	6.6
E	.5	.8	1.1									2.4	5.9
ESE		.7	.3			.1						1.1	8.1
SE	.1	1.7	.9	.4	.4							3.6	8.5
SSE	1.2	4.7	2.7	.1	.1	.1						9.0	6.4
S	1.7	7.5	4.0	1.1	.1		.1					14.7	6.5
SSW	.4	2.2	.5	.3								3.4	6.2
SW	.3	.7	.4									1.3	5.6
WSW	.5	1.2	1.7	.7								4.2	7.2
W	.1	3.6	3.6	.5								7.9	7.5
WNW	.7	3.4	3.8	.9	.3							9.0	7.7
NW	.3	2.3	1.9	1.2								5.6	8.0
NNW	.5	1.7	2.2	.8	.1							5.4	7.7
VARBL													
CALM												23.7	
	7.4	34.8	26.1	6.6	1.1	.3	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 DANGOR INTERNATIONAL 73-80 OCT  
STATION STATION NAME YEARS MONTH  
2100-2300  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.3	3.1	2.6	.4	.1							6.5	7.4
NNE	.1	.8	.5	.1								1.6	6.3
NE	.4	.7	.5									1.6	5.7
ENE	.1	.5	.1									.8	5.3
E	.1	.4	1.2									1.7	7.6
ESE	.1	.1	.3	.3	.1							.9	10.4
SE	.3	.5	.5	.1		.3						1.7	9.0
SSE	1.5	1.5	1.1	.3								4.3	5.4
S	2.3	6.0	3.6	1.5		.1						13.6	6.6
SSW	.7	2.2	.8	.1								3.8	5.6
SW	.4	.9	1.2									2.5	5.9
WSW	.3	2.2	1.5									3.9	6.2
W	1.5	2.0	3.0	1.3								7.8	7.4
WNW	.9	3.4	2.4	.7	.1							7.5	7.2
NW	.3	1.1	2.6	1.5	.1							5.5	9.1
NNW	.7	1.2	2.3	.5	.1							4.8	8.0
VARBL													
CALM												31.3	
	9.9	26.6	24.2	6.9	.7	.4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS OCT MONTH  
ALL WEATHER CLASS ALL HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	2.8	.9	.0							5.6	7.6
NNE	.2	1.0	.7	.3								2.2	7.0
NE	.2	.7	.7	.1								1.6	6.6
ENE	.2	.7	.6	.0								1.5	6.2
E	.2	.6	.7	.1	.0							1.6	6.9
ESE	.1	.6	.4	.2	.1	.0						1.3	8.2
SE	.2	1.0	.7	.4	.2	.1						2.5	8.3
SSE	.7	1.8	1.7	.6	.1	.0						5.0	7.2
S	1.1	4.5	4.3	2.0	.3	.1	.0					12.2	7.8
SSW	.5	1.5	1.0	.5	.1							3.6	7.0
SW	.4	1.0	.9	.3	.0							2.7	6.9
WSW	.5	1.9	1.6	.5	.2	.0						4.7	7.6
W	.6	2.8	3.7	1.4	.4	.0						8.9	8.5
WNW	.5	2.3	3.0	2.3	.5	.0	.0					8.8	9.4
NW	.3	1.4	2.9	2.2	.4							7.2	9.9
NNW	.5	1.3	2.1	1.1	.3							5.2	8.9
VARBL													
CALM												24.5	
	6.5	25.5	27.8	12.9	2.5	.3	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 5948

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14671 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS  
ALL WEATHER CLASS  
NOV MONTH  
0000-0200 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.5	1.5	1.2	.1							6.2	7.8
NNE	.3	.8	.4	.1	.3							1.9	7.7
NE	.1	.4	.1	.1								.3	6.0
ENE		.8	.8	.4								2.1	7.7
E	.1	.3	.3									.7	5.8
ESE	.1	.3	.3									.7	5.4
SE	.3	.8	.7	.1	.3							2.2	8.3
SSE	.6	1.4	1.8	.3	.3							4.3	7.7
S	1.0	3.1	3.7	.4		.3						8.5	7.3
SSW	.7	1.4	1.8	.1								4.0	6.2
SW	.3	1.2	1.2	.1								2.9	6.6
WSW	.7	3.2	1.8		.1							5.8	6.2
W	1.0	3.5	3.1	.3	.4							8.2	7.3
WNW	.7	2.1	1.9	2.5	.6							7.8	9.4
NW	.1	1.2	1.8	1.5	.4	.1						5.3	9.6
NNW	.3	2.4	1.4	1.9								6.0	8.7
VARBL													
CALM												32.5	
	7.1	25.4	22.8	9.3	2.5	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

1300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.1	2.2	1.4	.4							5.2	7.9
NNE	.1	.8	.6	.4	.1							2.1	8.3
NE	.3	.7	.3									1.2	4.7
ENE	.3	1.0	.3									1.5	4.7
E	.1	.6	.1									.6	5.6
ESE		.1										.1	6.0
SE	.1	.6	.7	.3								1.7	7.6
SSE	1.0	1.2	.3	.7								3.2	6.0
S	1.0	2.1	2.2	1.2	.4							6.9	8.1
SSW	.6	1.7	.8	.1								3.2	5.6
SW	.8	2.4	1.7	.1								5.0	5.8
WSW	.1	1.5	2.1	.3								4.0	7.1
W	.8	2.6	3.7	.8	.4	.1						9.6	5.4
WNW	.7	3.5	2.4	1.7	.7		.1					9.0	8.9
NW	.1	1.2	1.5	1.2								4.2	8.8
NNW	.7	1.2	1.4	1.9	.1	.3						5.7	9.8
VARBL													
CALM												34.4	
	7.9	24.3	20.3	10.3	2.2	.4	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

PANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.0	2.5	1.5	.1	.3						3.2	4.1
NNE	1.1	.4	.7	.1	.4							2.8	7.3
NE	.4	1.0	.4									1.5	5.0
ENE	.4	1.1	.4									1.9	4.9
E	.1	.3	.3	.1								.8	7.5
ESE	.3	.4	.3									1.0	5.6
SE	.6	.6	.4									1.5	4.7
SSE	.6	1.2	.3	.3								2.4	5.5
S	1.4	3.3	2.6	2.1		.3						4.7	7.7
SSW	.6	1.8	1.2	.1								3.7	6.0
SW	.3	1.2	1.5	.3								3.3	6.9
WSW	.6	2.2	1.1	.8								4.7	7.1
W	.8	2.5	3.3	1.9	.7							9.3	9.0
WNW	.6	1.9	3.2	1.7	.3							7.6	9.1
NW	.3	1.9	1.5	1.4	.6							5.7	9.5
NNW		1.2	1.0	.6	.1	.3						3.2	10.2
VARBL													
CALM												31.2	
	8.6	25.3	2.8	11.0	2.2	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 BANGOR INTERNATIONAL 73-80 NOV  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
0900-1100  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.5	4.6	2.1	.1							12.2	7.8
NNE	1.4	.7	.7	.1								2.9	5.3
NE	.1	1.1	.7	.6	.1							2.6	3.6
ENE	.1	1.0	1.0									2.1	6.2
E	.1	.9	.6	.1	.1							1.9	7.3
ESE		.6			.1							.7	7.2
SE	.1	.1	.1	.1	.1							.7	8.8
SSE	.4	.8	1.1	.3								2.6	7.4
S	.3	2.4	2.5	1.5	.1	.4						7.2	9.3
SSW	.4	1.9	2.5	1.0		.1						6.0	8.1
SW	.6	.7	1.7	.8								3.8	8.3
WSW	.4	1.4	2.1	1.3	.3							5.4	9.2
W	.3	1.7	4.2	4.6	1.1							11.8	11.0
WNW	.3	.7	4.2	3.1	1.3	.6						10.0	12.0
NW	.4	1.0	1.5	2.8	1.3	.1						7.1	12.1
NNW	.4	1.4	1.7	1.5	.7	.1						5.8	10.4
VARBL													
CALM												17.1	
	6.4	20.7	29.1	19.9	5.4	1.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS NOV MONTH  
CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.5	3.7	2.8	.3							10.5	6.6
NNE	.4	1.4	.8	.3								2.9	6.2
NE	.4	.6	.6	.3								1.8	6.8
ENE	.1	.4	1.0									1.5	6.5
E	.3	1.2	.8	.4								2.8	6.5
ESE			.1	.3								.4	10.3
SE	.1	.4	.3	.3								1.1	7.9
SSE	.6	.4	1.9	.8								3.7	8.1
S	.4	1.7	4.4	2.6	1.1	.1						10.4	10.3
SSW		1.0	2.2	.3								3.5	7.9
SW	.1	.7	1.7	.4								2.9	6.2
WSW		1.5	1.9	1.9	.7							6.1	10.4
W	.4	1.4	6.1	5.1	1.4	.3						14.7	11.1
WNW	.4	1.4	3.6	3.9	2.5							11.8	12.0
NW	.6	1.0	2.9	1.9	1.7	.1						8.2	11.4
NNW	.7	1.9	1.7	3.5	.1							7.9	9.6
VARBL													
CALM												9.3	
	5.1	18.5	33.9	24.9	7.8	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS NOV MONTH  
1500-1700 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.2	2.1	2.1	.1							7.9	6.2
NNE	.7	1.7	.7	.4								3.5	5.2
NE	.3	.7	.4	.1								1.5	6.5
ENE	.4	1.2	.8									2.5	5.3
E	.4	.1	.8									1.4	5.8
ESE		.1	.3	.8								1.2	11.4
SE	.1	.8	1.1	.3								2.4	7.3
SSE	.7	2.4	2.4	.7								6.1	7.1
S	.4	3.2	3.9	1.4	.6							9.4	8.4
SSW	.8	1.8	1.0	.4	.1							4.2	6.8
SW	.3	.8	1.2									2.4	7.2
WSW	.3	1.9	2.4	.7								5.3	8.0
W	.6	2.6	4.2	3.6	.4							11.4	9.5
WNW	.6	2.1	4.4	2.9	1.0		.3					11.2	10.4
NW	.3	.7	2.2	1.7	1.2	.3						6.4	12.3
NNW	.6	2.4	2.2	2.6	.6							8.3	9.2
VARBL													
CALM												14.9	
	6.8	25.8	30.1	17.8	4.0	.3	.3					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 BANGOR INTERNATIONAL 73-80 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.5	1.5	1.3	.3							7.1	7.2
NNE	.8	.6	.7	.1								2.2	5.5
NE	.3	1.1	.7		.3							2.4	7.4
ENE	.4	.4	.3									1.1	4.8
E		.6	.4	.1								1.1	7.5
ESE	.1	.7	.1	.8								1.8	9.1
SE	.1	1.5	.4	.1								2.2	5.6
SSE	.4	2.9	2.5	.4	.1							6.4	6.9
S	1.5	3.8	4.5	.6								10.3	6.7
SSW	1.3	1.5	1.3	.3	.1							4.5	6.1
SW	.6	2.1	1.1	.1								3.9	5.9
WSW	.6	2.9	1.3	.3								5.0	5.9
W	.1	3.3	4.0	1.5	.1							9.2	8.0
WNW	.1	2.9	2.6	.8	1.4	.3						9.2	10.0
NW	.1	.7	3.3	2.5	1.1	.3						9.1	11.6
NNW		1.7	.7	1.5	.1							4.0	9.3
VARBL													
CALM												22.5	
	8.1	29.2	25.5	10.6	3.6	.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 BANGOR INTERNATIONAL 73-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
NOV  
MONTH  
2100-2300  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	1.2	1.9	.1							5.4	8.7
NNE	.1	.3	.1	.3								.8	8.0
NE	.1	1.5	.1	.3								2.1	9.5
ENE	.6	.4	.4	.3								1.7	5.9
E	.1	.7	.1	.1								1.1	6.5
ESE	.1	.3	.1	.1								.7	7.2
SE	.9	.8	.7		.3							2.6	6.5
SSE	.6	2.1	1.5	.6		.1						4.9	7.5
S	1.4	3.9	2.9	1.0		.1						9.3	6.7
SSW	1.0	2.5	1.1	1.1								5.7	6.8
SW	.8	1.2	1.4									3.5	5.8
WSW	.1	1.4	1.7	.3								3.5	6.9
W	.7	3.9	2.6	1.2	.3							8.7	7.6
WNW		1.8	2.4	2.1	1.1							7.4	10.6
NW		1.5	3.1	1.2	.8							6.7	10.3
NNW	.7	1.5	1.1	.8	.6							4.7	8.6
VARBL													
CALM												31.2	
	8.2	25.0	20.7	11.4	3.2	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 DANGOR INTERNATIONAL 73-80 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.7	2.4	1.8	.2	.0						5.4	8.0
NNE	.6	.8	.6	.2	.1							2.4	6.6
NE	.3	.9	.4	.2	.1							1.8	6.6
ENE	.3	.8	.6	.1								1.8	5.8
E	.2	.6	.4	.1	.0							1.3	6.6
ESE	.1	.3	.2	.3	.0							.8	6.3
SE	.3	.7	.6	.2	.1							1.6	6.9
SSE	.6	1.6	1.5	.5	.1	.0						4.2	7.1
S	.9	2.9	3.4	1.4	.3	.2						9.0	8.1
SSW	.7	1.7	1.5	.4	.0	.0						4.3	6.6
SW	.5	1.3	1.4	.2								3.5	6.8
WSW	.3	2.0	1.8	.7	.1							5.0	7.7
W	.6	2.7	3.9	2.4	.6	.1						10.2	9.2
WNW	.4	2.0	3.1	2.3	1.1	.1	.1					9.1	10.4
NW	.2	1.2	2.2	1.8	.9	.1						6.4	10.9
NNW	.4	1.7	1.4	1.8	.3	.1						5.7	9.5
VARBL													
CALM												24.2	
	7.3	24.3	25.4	14.4	3.9	.6	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 5758

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.2	2.4	1.1								7.5	7.3
NNE	.3	1.1	.9		.1							2.4	6.3
NE	.4	.9	1.2									2.6	6.4
ENE	.4	1.1	.4	.3								2.2	6.2
E		.7	.4									1.1	6.0
ESE	.3	.3	.3	.4								1.2	6.0
SE	.3	.3	.1	.1								.8	6.8
SSE		.7	1.1	.3	.1	.3						2.4	10.3
S	.3	1.6	2.2	.5	.9							5.5	7.4
SSW	.3	1.9	.8	.1	.1							3.2	6.4
SW	.8	.8	1.2	.1	.1							3.1	6.6
WSW	.9	1.5	.9	.4	.1							3.9	6.7
W	.9	3.2	4.6	2.0	.8	.1						11.7	9.1
WNW	1.1	2.4	3.2	1.2	.9	.3						9.1	9.1
NW	.4	2.4	2.4	2.3	1.3	.1						9.0	10.4
NNW	.1	1.1	1.3	1.2	.5							4.3	10.4
VARBL													
CALM												30.0	
	7.3	23.1	23.5	10.1	5.2	.8						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14631  
STATION

DANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.0	3.0	1.5								5.3	7.4
NNE	.1	1.6	.7									2.4	5.6
NE	.3	1.3	.8	.1								2.6	6.6
ENE	.1	.8	.9									1.9	6.9
E		.3	.1									.4	6.7
ESE	.3	.5		.1								.9	5.0
SE	.1	.5	.1		.1							.9	6.4
SSE	.4	.4	.4	.5	.1							1.9	9.2
S	.5	2.4	2.3	1.5	.3	.1						7.1	8.9
SSW	.3	.5	.5	.1	.3	.1						1.9	9.4
SW	.9	2.3	1.1	.1								4.4	5.5
WSW	.3	.9	.9	.4		.1						2.7	8.4
W	.5	3.6	3.5	2.0	.4	.1						10.2	8.6
WNW	.9	2.4	3.4	1.9	.7							9.3	8.7
NW	.3	1.7	1.9	1.2	.5	.7						6.3	10.8
NNW	.3	3.1	1.3	1.5	1.1	.1						7.4	9.9
VARBL													
CALM												31.3	
	6.3	25.5	21.0	11.0	3.5	1.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14691 STATION BANGOR INTERNATIONAL 73-80 YEARS DEC MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.6	3.0	2.3	.3							6.9	3.7
NNE	.1	2.4	.9	.7								4.2	7.1
NE	.3	.9	.8	.4								2.4	6.8
ENE	.7	.1	.9									1.7	5.8
E	.1	1.1	.1									1.3	5.7
ESE		.3	.4	.1								.8	8.0
SE	.3	.7	.3	.1								1.3	6.5
SSE	.3	.5	.5	.1	.1							1.6	7.3
S	.4	1.7	2.3	.9	.4							5.8	8.7
SSW	.1	1.9	1.6	.1	.1	.1						4.0	7.3
SW	.4	1.1	.5	.4								2.4	6.4
WSW	.3	1.7	1.7	.5		.1						4.4	7.8
W	.5	3.0	3.0	3.4	.4							10.2	9.3
WNW	.7	2.6	3.5	1.7	.3							8.7	8.6
NW	.8	1.7	1.7	2.0	1.1							7.4	10.0
NNW	.4	2.3	1.1	1.5	.9							6.2	9.7
VARBL													
CALM												28.5	
	6.2	24.6	22.4	14.4	3.6	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 DANGOR INTERNATIONAL 73-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
DEC  
MONTH  
0900-1100  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.6	3.1	2.0	.1							9.5	7.9
NNE	.3	1.1	1.6	.5	.1							3.6	8.3
NE		.9	1.3	.1								2.4	7.2
ENE	.3	.5	.9									1.7	6.3
E		.7	.7									1.3	6.4
ESE	.3	.4	.4	.3								1.3	8.1
SE	.4	.7	.8	.1								2.0	6.9
SSE	.3	.5	.4	.3								1.5	6.5
S	.9	2.6	2.3	1.2	.3							7.3	7.7
SSW	.1	1.1	.4	.5								2.2	7.2
SW	.3	.9	.8	.4								2.4	7.6
WSW		1.5	3.2	.8	.4							5.9	9.4
W	.5	2.0	5.1	3.6	1.1		.1					12.5	10.4
WNW	.3	1.5	3.6	2.8	.1	.3						6.6	10.3
NW	.4	1.5	1.9	3.5	1.6	.5						9.4	12.3
NNW	.3	1.6	1.9	2.7	.9							7.4	10.7
VARBL													
CALM												20.8	
	5.0	21.1	28.5	19.0	4.7	.8	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

14671 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS DEC MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.9	3.2	2.2	.1							9.9	7.7
NNE	.5	1.6	1.5	.7								4.3	7.4
NE	.3	.3	.5									1.1	5.9
ENE	.1	.4	.8									1.3	7.1
E		1.2	.4									1.6	6.1
ESE	.3	.3	.4									.9	5.9
SE		.5	1.2	.5	.3	.1						2.7	10.8
SSE	.3	.7	.7	.4								2.0	7.2
S	.3	3.2	1.9	.8	.3							6.5	7.2
SSW		1.2	1.7	.7	.1							3.8	8.4
SW		.3	1.6	.9	.1							3.0	10.0
WSW	.3	1.2	1.6	1.5	.3	.1						5.0	9.6
W	.3	1.9	6.0	3.1	1.3	.4						13.0	10.8
WNW	.3	2.3	3.5	4.2	2.2	.1						12.5	11.4
NW	.3	.7	2.7	5.5	.8	.8						10.8	12.6
NNW	.3	2.2	2.4	2.3	.7	.1						7.9	10.2
VARBL													
CALM												13.7	
	3.6	21.8	30.2	22.7	6.2	1.7						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

14601 BANGOR INTERNATIONAL 73-80 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.0	2.3	1.5	.3							6.9	8.4
NNE	.8	1.6	1.9	.8	.1							5.2	7.5
NE	.3	.5	.5									1.3	6.0
ENE		.4	.1	.1								.7	6.8
E	.1	.9	1.7									2.8	7.2
ESE		.4	.4									.8	7.2
SE	.3	.5	.7	.3	.1	.1	.1					2.2	10.0
SSE	.3	1.7	1.2	.4	.4							4.0	8.1
S	.7	2.8	2.3	.4								6.2	6.4
SSW	.5	1.6	.8	.3	.3	.1						3.6	7.6
SW	1.3	.5	1.3	.5	.1							3.9	6.9
WSW	.4	.8	1.3	.9	.1							3.6	8.8
W	1.1	2.2	2.8	3.4	.9	.3						10.6	10.3
WNW	.7	1.9	4.0	3.2	1.3	.4						11.6	10.8
NW	.4	1.9	4.3	3.0	1.2	.4						11.2	11.0
NNW	.5	2.2	2.7	2.7	.4							8.5	9.3
VARBL													
CALM												16.9	
	8.2	22.0	28.5	17.5	5.4	1.3	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL 73-80 YEARS DEC MONTH 1600-2000 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	2.7	1.7	.4							6.9	9.0
NNE	.7	1.1	.8	.5								3.1	7.0
NE	.7	1.1	.7	.1								2.6	5.5
ENE	.3	.7	.8	.1								1.9	6.8
E	.4	.4	.4	.1								1.3	5.9
ESE	.3	.5	.5	.4								1.7	7.5
SE		.7	.3	.4	.1							1.5	9.3
SSE	.1	1.1	.9	.5	.3							3.0	8.5
S	.5	2.3	1.7	.9	.7	.1						6.3	8.8
SSW	.4	1.5	.7	.4	.4							3.4	7.8
SW	.1	1.3	.7	.3	.1							2.6	7.4
WSW		.4	.8	.4	.1							1.7	9.7
W	.4	3.2	4.2	1.7	1.2	.1						10.9	9.6
WNW	.3	2.6	4.7	2.4	1.7	.4						12.1	10.7
NW	.4	1.3	2.8	2.0	.8							7.4	10.2
NNW	.7	1.1	1.7	1.9	.7							6.0	10.2
VARBL													
CALM												27.7	
	5.5	21.0	24.5	14.1	6.6	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS DEC MONTH  
2100-2300 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	1.5	1.5								5.4	7.9
NNE	.1	1.6	1.2	.8	.3							4.0	8.5
NE		.4	.7									1.1	6.5
ENE	.1	.7	.5									1.3	6.6
E		.7	.3	.4								1.3	6.8
ESE	.3	.5	.4	.1								1.3	7.1
SE	.3	.5	.4	.3	.1	.1						1.7	9.0
SSE	.1	.9	1.1	.3	.5							3.0	9.0
S	.5	2.6	.8	1.6	.1							5.6	7.7
SSW	.7	.7	1.2	1.2	.3							4.0	9.1
SW	.3	.8	.5	.3								1.9	7.1
WSW	.9	1.2	.5	.1	.1							3.0	6.1
W	.5	2.7	5.6	3.5	.3	.1						12.6	9.5
WNW	.8	3.4	3.5	1.9	.5	.5						10.6	9.0
NW	.7	2.6	2.0	2.7	.3							8.2	9.1
NNW	.5	1.1	2.6	1.6	.1	.1						6.0	9.6
VARBL													
CALM												28.6	
	6.5	22.2	22.8	16.3	2.7	.9						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-80 YEARS DEC MONTH  
ALL HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	2.6	1.7	.2							7.9	5.0
NNE	.4	1.5	1.2	.5	.1							3.7	7.3
NE	.3	.8	.8	.1								2.3	6.4
ENE	.3	.6	.7	.1								1.6	6.5
E	.1	.7	.5	.1								1.4	6.7
ESE	.2	.4	.4	.2								1.1	7.2
SE	.2	.6	.5	.2	.1	.1	.0					1.6	8.7
SSE	.2	.8	.8	.4	.2	.0						2.4	8.4
S	.5	2.4	2.0	1.0	.4	.0						6.3	8.1
SSW	.3	1.3	1.0	.4	.2	.1						3.3	7.9
SW	.5	1.0	1.0	.4	.1							3.0	7.1
WSW	.4	1.2	1.4	.6	.2	.1						3.8	8.4
W	.6	2.7	4.4	2.8	.8	.2	.0					11.5	9.7
WNW	.6	2.4	3.7	2.4	1.0	.3						10.3	9.9
NW	.5	1.7	2.5	2.8	1.0	.3						6.7	10.9
NNW	.4	1.8	1.9	1.9	.7	.1						6.7	10.0
VARBL													
CALM												24.7	
	5.1	22.7	25.2	15.6	4.7	1.0	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14401 STATION BANGOR INTERNATIONAL 73-81 YEARS ALL  
MONTH ALL  
CLASS ALL  
CONDITION ALL  
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.3	2.6	1.3	.1	.0						6.9	8.0
NNE	.3	1.0	1.1	.5	.1							3.0	7.8
NE	.2	.7	.6	.2	.0	.0						1.8	7.0
ENE	.2	.5	.5	.1	.0	.0						1.3	6.8
E	.2	.6	.5	.1	.0	.0						1.4	6.7
ESE	.2	.4	.4	.2	.0	.0						1.2	7.4
SE	.3	.8	.7	.3	.1	.0	.0					2.1	7.5
SSE	.6	2.0	2.2	.9	.1	.0	.0					5.9	7.7
S	1.1	4.2	4.6	2.0	.3	.1	.0	.0				12.4	8.0
SSW	.5	1.8	1.5	.5	.1	.0						4.3	7.1
SW	.4	1.2	1.0	.2	.0	.0	.0					2.8	6.8
WSW	.4	1.4	1.2	.5	.1	.0	.0					3.6	7.5
W	.5	2.5	3.2	1.8	.4	.1	.0	.0				8.5	8.0
WNW	.4	2.0	2.9	2.3	.8	.1	.0					8.5	10.1
NW	.3	1.4	2.4	2.3	.8	.1	.0					7.4	10.7
NNW	.4	1.6	2.1	1.3	.3	.0	.0					5.7	9.0
VARBL													
CALM												23.4	
	6.4	24.5	27.4	14.5	3.2	.5	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 70098



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14601 STATION BANGOR INTERNATIONAL STATION NAME 73-81 YEARS  
INSTRUMENT CLASS CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE  
ALL MONTH ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.8	4.4	2.5	.3							10.9	8.7
NNE	.6	1.7	2.1	1.1	.2							5.8	8.1
NE	.4	1.6	1.5	.4	.0							4.0	7.1
ENE	.4	1.3	1.5	.3	.0	.0						3.5	7.2
E	.4	1.5	1.6	.4	.0	.0						3.9	7.2
ESE	.3	1.2	1.1	.6	.1	.0						3.4	7.9
SE	.6	1.8	1.7	.8	.2	.1	.0					5.2	8.1
SSE	.8	3.4	4.3	1.8	.3	.1	.0					10.6	8.3
S	1.2	5.5	6.3	2.8	.7	.2	.1	.0				16.6	8.5
SSW	.5	1.8	1.6	.5	.1	.0						4.5	7.4
SW	.3	.9	.5	.1	.0	.0						1.8	6.2
WSW	.2	.6	.3	.0	.1							1.2	6.3
W	.2	.8	.6	.4	.1	.0						2.1	8.1
WNW	.2	.8	.6	.4	.1	.0						2.2	8.5
NW	.2	.6	1.0	.7	.2	.0	.0					2.8	9.5
NNW	.2	1.4	1.8	1.0	.2	.0						4.6	8.9
VARBL													
CALM												16.9	
	7.1	27.9	30.9	13.8	2.7	.5	.1	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 13062

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART D

## CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{5}{16}$	$\geq \frac{1}{8}$	$\geq 0$
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500									97.4							98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

During the hours 2100-0300 LST, the highest reported visibility values are 7 miles with only an occasional report of 10 miles. This lack of reports in the category  $\geq 10$  miles accounts for the very low percentages in this column; therefore, the values in this column during the hour groups 21-23, 00-02 and 03-05 are not representative and should not be used.

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601 DAYTON INTERNATIONAL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		46.5	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.2	47.2	47.2	47.4	47.4	47.4	47.6
≥ 20000		49.9	50.1	50.1	50.1	50.1	50.4	50.4	50.4	50.5	50.5	50.5	50.8	50.8	50.8	50.9
≥ 18000		50.3	50.5	50.5	50.5	50.5	50.8	50.8	50.8	50.9	50.9	50.9	51.2	51.2	51.2	51.3
≥ 16000		50.3	50.5	50.5	50.5	50.5	50.8	50.8	50.8	50.9	50.9	50.9	51.2	51.2	51.2	51.3
≥ 14000		50.4	50.7	50.7	50.7	50.7	50.9	50.9	50.9	51.1	51.1	51.1	51.3	51.3	51.3	51.5
≥ 12000		51.7	52.0	52.0	52.0	52.0	52.3	52.3	52.3	52.4	52.4	52.4	52.7	52.7	52.7	52.8
≥ 10000		53.2	53.5	53.6	53.6	53.6	53.9	53.9	53.9	54.0	54.0	54.0	54.3	54.3	54.3	54.4
≥ 9000		54.2	54.4	54.6	54.6	54.6	54.8	54.8	54.8	55.0	55.0	55.0	55.2	55.2	55.2	55.4
≥ 8000		56.6	57.1	57.3	57.3	57.3	57.5	57.5	57.5	57.7	57.7	57.7	57.9	57.9	57.9	58.1
≥ 7000		57.8	58.3	58.5	58.5	58.5	58.7	58.7	58.7	58.9	58.9	58.9	59.1	59.1	59.1	59.3
≥ 6000		60.3	60.9	61.0	61.0	61.0	61.3	61.3	61.3	61.4	61.4	61.4	61.7	61.7	61.7	61.8
≥ 5000		62.0	62.6	62.9	62.9	62.9	63.2	63.2	63.2	63.3	63.3	63.3	63.6	63.6	63.6	63.7
≥ 4500		62.8	63.6	63.8	63.8	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.5	64.5	64.5	64.7
≥ 4000		65.2	66.0	66.4	66.4	66.4	66.7	66.7	66.7	66.8	66.8	66.8	67.1	67.1	67.1	67.2
≥ 3500		66.9	67.7	68.1	68.1	68.1	68.4	68.4	68.4	68.5	68.5	68.5	68.8	68.8	68.8	69.0
≥ 3000		69.0	69.9	70.3	70.3	70.3	70.6	70.6	70.6	70.7	70.7	70.7	71.0	71.0	71.0	71.1
≥ 2500		70.3	71.6	72.3	72.4	72.4	72.8	72.8	72.8	73.0	73.0	73.0	73.3	73.3	73.3	73.4
≥ 2000		73.1	74.7	75.9	77.0	77.0	77.4	77.6	77.6	77.7	77.7	77.7	78.0	78.0	78.0	78.1
≥ 1800		74.6	76.3	77.6	78.6	78.6	79.0	79.2	79.2	79.3	79.3	79.3	79.6	79.6	79.6	79.7
≥ 1500		75.3	77.4	79.3	80.5	80.6	81.2	81.6	81.7	81.9	81.9	81.9	82.1	82.1	82.1	82.3
≥ 1200		76.6	78.9	81.3	82.7	82.8	83.6	84.3	84.3	84.4	84.4	84.4	84.7	84.7	84.7	84.8
≥ 1000		76.9	79.2	81.6	83.1	83.3	85.1	85.8	86.2	86.3	86.3	86.3	86.7	86.7	86.7	86.8
≥ 900		77.2	79.6	82.3	83.9	84.1	85.9	86.6	87.0	87.1	87.1	87.1	87.5	87.5	87.5	87.6
≥ 800		77.3	80.1	83.1	84.9	85.3	87.1	87.9	88.3	88.6	88.6	88.6	89.0	89.0	89.0	89.1
≥ 700		77.7	80.5	83.9	86.0	86.6	88.3	89.1	89.5	89.8	89.8	89.8	90.2	90.2	90.2	90.3
≥ 600		77.7	80.5	84.1	86.8	87.4	89.1	89.9	90.5	90.9	90.9	90.9	91.3	91.3	91.3	91.4
≥ 500		78.0	80.9	84.8	87.8	88.3	90.6	91.4	92.2	92.9	93.0	93.0	93.4	93.4	93.4	93.5
≥ 400		78.0	80.9	84.8	87.9	88.4	91.0	91.9	93.3	94.1	94.6	94.6	95.2	95.2	95.2	95.3
≥ 300		78.0	80.9	85.1	88.4	89.5	92.2	93.5	95.0	95.8	96.5	96.5	97.0	97.0	97.0	97.2
≥ 200		78.0	80.9	85.1	88.4	89.5	92.2	94.1	95.7	96.6	97.4	97.4	98.0	98.0	98.0	98.1
≥ 100		78.0	80.9	85.1	88.4	89.5	92.2	94.2	95.8	96.9	98.0	98.0	98.9	98.9	99.1	99.2
≥ 0		78.0	80.9	85.1	88.4	89.5	92.2	94.2	95.8	97.0	98.1	98.1	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671

BANGOR INTERNATIONAL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 3/16	≥ 1/4	≥ 0
NO CEILING	.1	47.9	49.5	46.5	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	49.1	49.1
≥ 2000	.1	51.7	52.2	52.2	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.9	52.9
≥ 1800	.1	51.7	52.2	52.2	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.9	52.9
≥ 1600	.1	51.7	52.2	52.2	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.9	52.9
≥ 1400	.1	52.0	52.5	52.5	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	53.2	53.2
≥ 1200	.1	52.6	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.8	53.8
≥ 1000	.1	54.1	54.6	54.8	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.5	55.5
≥ 900	.1	54.8	55.3	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	56.1	56.1
≥ 800	.1	56.1	56.9	57.2	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.9	57.9
≥ 700	.1	57.6	58.4	58.7	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.5	59.5
≥ 600	.1	58.8	59.6	59.9	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.7	60.7
≥ 500	.1	61.4	62.4	62.7	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.5	63.5
≥ 450	.1	62.3	63.5	63.8	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.6	64.6
≥ 400	.1	63.9	65.4	65.7	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.5	66.5
≥ 350	.1	66.8	68.4	68.8	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.6	69.6
≥ 300	.1	68.1	69.9	70.4	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.5	71.5
≥ 250	.1	70.4	72.4	73.4	73.9	73.9	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.8	74.8
≥ 200	.1	72.3	74.7	76.6	77.3	77.3	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.5	78.5
≥ 1800	.1	72.8	75.2	77.1	77.8	77.8	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	79.0	79.0
≥ 1600	.1	73.4	76.2	78.2	79.1	79.3	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.8	80.8
≥ 1400	.1	74.2	77.1	79.4	80.8	80.9	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.6	82.6
≥ 1200	.1	74.3	77.4	79.8	81.6	81.8	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	84.3	84.3
≥ 1000	.1	74.8	77.9	80.3	82.2	82.5	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.9	84.9
≥ 900	.1	75.1	78.2	81.3	83.4	84.0	86.0	86.3	86.8	86.8	86.8	86.8	86.8	86.8	87.2	87.2
≥ 800	.1	75.1	78.2	81.4	83.8	84.4	86.5	86.8	87.6	87.6	87.6	87.6	87.6	87.6	88.0	88.0
≥ 700	.1	75.2	78.3	82.2	85.1	85.6	87.8	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.4
≥ 600	.1	75.6	79.1	83.4	86.4	87.1	89.6	89.9	91.5	92.2	92.2	92.2	92.2	92.2	92.7	92.7
≥ 500	.1	75.9	79.4	83.8	86.8	87.6	90.4	90.8	92.5	93.3	93.4	93.4	93.4	93.5	93.9	93.9
≥ 400	.1	75.9	79.4	84.3	87.2	88.4	91.9	92.9	95.0	95.8	96.2	96.2	96.2	96.5	97.0	97.2
≥ 300	.1	75.9	79.4	84.3	87.2	88.4	91.9	93.4	95.6	96.5	97.0	97.0	97.0	97.4	98.0	98.1
≥ 200	.1	75.9	79.4	84.3	87.2	88.4	91.9	93.4	95.6	96.8	97.6	97.6	97.6	98.3	98.9	99.1
≥ 100	.1	75.9	79.4	84.3	87.2	88.4	91.9	93.5	95.7	97.0	98.0	98.0	98.0	98.7	99.3	100.0
≥ 0	.1	75.9	79.4	84.3	87.2	88.4	91.9	93.5	95.7	97.0	98.0	98.0	98.0	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

RANGOR INTERNATIONAL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

6600-7800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	25.4	46.4	46.4	47.2	47.3	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.4
≥ 20000	26.6	50.0	50.4	50.8	50.9	51.2	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.7	52.0
≥ 18000	26.6	50.0	50.4	50.8	50.9	51.2	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.7	52.0
≥ 16000	26.6	50.0	50.4	50.8	50.9	51.2	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.7	52.0
≥ 14000	26.6	50.4	50.8	51.2	51.3	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.4
≥ 12000	27.4	51.3	51.7	52.2	52.3	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.1	53.4
≥ 10000	28.0	52.4	52.8	53.6	53.8	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.8
≥ 9000	28.2	53.0	53.4	54.2	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	55.1	55.4
≥ 8000	29.0	54.7	55.1	56.0	56.2	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	57.0	57.3
≥ 7000	29.8	55.9	56.5	57.4	57.5	57.8	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.6
≥ 6000	30.6	57.5	58.1	59.1	59.4	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.2	60.5
≥ 5000	31.5	59.3	59.9	61.2	61.6	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.4	62.6
≥ 4500	32.0	61.0	61.7	62.9	63.3	63.7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.5
≥ 4000	33.2	63.2	63.8	65.1	65.5	65.9	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.7	66.9
≥ 3500	34.1	65.6	66.5	67.7	68.1	68.5	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.6
≥ 3000	35.2	68.7	70.0	71.2	71.9	72.4	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.8
≥ 2500	35.8	70.8	72.2	73.7	74.6	75.1	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.2	76.5
≥ 2000	35.9	71.6	73.3	75.3	76.9	77.4	78.0	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.8	79.0
≥ 1800	35.9	71.9	73.5	75.7	77.3	77.8	78.4	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.2	79.4
≥ 1500	36.2	72.4	74.5	77.0	79.0	79.8	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.6
≥ 1200	36.4	73.7	75.7	78.4	80.5	81.3	82.0	82.5	82.8	82.8	82.8	82.9	82.9	82.9	83.2	83.5
≥ 1000	36.4	73.7	75.7	78.6	80.8	81.7	82.4	82.9	83.3	83.5	83.7	83.7	83.7	83.7	84.0	84.3
≥ 900	36.4	73.7	75.7	79.0	81.2	82.1	82.8	83.3	84.0	84.1	84.5	84.5	84.5	84.5	84.8	85.1
≥ 800	36.4	74.1	76.2	79.7	82.3	83.2	83.9	84.4	85.3	85.5	85.9	85.9	85.9	85.9	86.2	86.4
≥ 700	36.4	74.6	76.9	80.6	83.3	84.3	84.9	85.5	86.7	86.8	87.2	87.2	87.4	87.4	87.6	87.9
≥ 600	36.4	75.3	77.8	82.3	85.1	86.2	87.1	87.6	88.8	89.0	89.4	89.4	89.5	89.5	89.8	90.1
≥ 500	36.4	75.8	78.6	83.2	86.2	87.4	89.0	89.7	91.5	91.9	92.5	92.6	92.7	92.7	93.0	93.3
≥ 400	36.4	75.9	78.8	83.3	86.3	87.5	89.7	90.3	92.5	92.9	93.5	93.7	94.0	94.0	94.2	94.5
≥ 300	36.4	75.9	78.8	83.5	86.4	87.8	90.5	91.3	94.0	94.5	95.7	95.8	96.1	96.1	96.4	96.6
≥ 200	36.4	75.9	78.8	83.6	86.6	87.9	90.9	91.8	94.6	95.4	96.9	97.0	97.4	97.4	97.8	98.5
≥ 100	36.4	75.9	78.8	83.6	86.6	87.9	90.9	91.8	94.9	95.7	97.4	97.6	98.1	98.1	98.9	99.6
≥ 0	36.4	75.9	78.8	83.6	86.6	87.9	90.9	91.9	95.5	95.8	97.6	97.7	98.3	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14001 BANGOR INTERNATIONAL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	48.5	49.4	50.5	51.1	51.3	51.3	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9
≥ 20000	53.3	54.6	55.7	56.4	56.5	56.5	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1
≥ 18000	53.3	54.6	55.7	56.4	56.5	56.5	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1
≥ 16000	53.6	54.9	56.0	56.7	56.8	56.8	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥ 14000	53.8	55.2	56.3	56.9	57.1	57.1	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 12000	54.4	55.7	56.7	57.5	57.6	57.6	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1
≥ 10000	56.4	58.3	59.4	60.0	60.2	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 9000	57.2	59.1	60.2	60.8	61.0	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 8000	58.1	60.3	61.5	62.2	62.3	62.3	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.9
≥ 7000	58.5	60.8	62.0	62.7	62.9	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 6000	58.8	61.4	62.6	63.5	63.7	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 5000	61.1	63.8	65.1	66.1	66.5	66.6	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.2
≥ 4500	62.7	65.5	66.9	67.8	68.2	68.4	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 4000	63.7	66.8	68.1	69.0	69.4	69.7	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 3500	66.1	70.0	71.3	72.3	72.9	73.4	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
≥ 3000	67.7	72.3	73.8	74.8	76.2	76.6	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 2500	68.4	73.2	75.1	76.2	77.8	78.3	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 2000	68.6	74.0	76.0	77.1	78.7	79.3	80.2	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8
≥ 1800	68.6	74.0	76.0	77.1	78.7	79.3	80.2	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8
≥ 1500	68.9	74.4	76.4	77.8	79.7	80.2	81.2	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 1200	69.0	74.7	77.0	78.6	80.8	81.7	82.8	82.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.6
≥ 1000	69.6	75.4	77.8	79.5	81.8	83.0	84.1	84.3	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.6
≥ 900	69.7	75.8	78.2	80.1	82.5	83.7	84.8	85.1	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.4
≥ 800	70.1	76.2	78.6	80.8	83.2	84.5	85.7	86.0	86.9	87.6	88.0	88.0	88.0	88.0	88.0	88.2
≥ 700	70.3	77.0	79.5	81.7	84.3	85.6	86.9	87.2	88.2	89.1	89.5	89.5	89.5	89.5	89.5	89.6
≥ 600	70.5	77.4	80.1	82.5	85.3	86.9	88.2	88.6	89.5	90.7	91.5	91.7	91.7	91.7	91.7	91.9
≥ 500	70.5	77.4	80.1	82.5	85.9	87.8	89.0	89.4	90.3	91.7	92.6	92.7	92.9	92.9	92.9	93.0
≥ 400	70.5	77.5	80.2	82.6	86.1	88.0	89.6	90.2	91.7	93.3	94.5	94.8	95.0	95.0	95.0	95.2
≥ 300	70.5	77.5	80.2	82.6	86.3	88.6	90.2	91.1	92.9	94.9	96.2	96.6	97.6	97.6	97.6	97.7
≥ 200	70.5	77.5	80.2	82.6	86.3	88.7	90.3	91.3	93.8	96.0	97.3	97.7	98.8	98.9	98.9	99.1
≥ 100	70.5	77.5	80.2	82.6	86.3	88.7	90.3	91.3	93.8	96.0	97.3	97.7	99.2	99.6	99.7	100.0
≥ 0	70.5	77.5	80.2	82.6	86.3	88.7	90.3	91.3	93.8	96.0	97.3	97.7	99.2	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14001  
STATION

LANGON INTERNATIONAL  
STATION NAME

74-81  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	45.2	46.6	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	51.7	53.8	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	51.9	53.9	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	52.0	54.0	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	52.8	54.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	53.6	55.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	56.3	58.5	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	57.7	59.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	59.7	61.8	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	60.1	62.2	63.4	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	60.8	63.4	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	63.0	65.9	67.1	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	63.8	66.7	67.9	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	64.9	67.7	69.0	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500	66.3	69.1	70.3	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3000	67.9	71.1	72.4	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	69.0	72.4	73.8	74.3	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2000	69.8	73.5	75.1	75.7	76.2	76.7	76.7	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	69.9	73.8	75.4	75.9	76.7	77.3	77.4	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1500	70.3	74.9	76.5	77.0	78.4	78.9	79.2	79.4	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1200	70.9	75.8	77.6	78.5	80.4	81.0	81.5	82.0	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1000	71.1	76.2	78.0	79.0	81.3	82.1	82.8	83.5	84.1	84.8	85.1	85.1	85.2	85.2	85.2	85.2
≥ 900	71.1	76.3	78.1	79.3	81.6	82.5	83.3	84.0	84.7	85.3	85.6	85.6	85.8	85.8	85.8	85.8
≥ 800	71.1	76.3	78.2	79.7	82.4	83.3	84.4	85.1	85.9	86.8	87.4	87.4	87.5	87.5	87.5	87.5
≥ 700	71.2	76.7	78.9	80.5	83.2	84.5	85.8	86.6	87.4	88.4	89.0	89.0	89.1	89.1	89.1	89.1
≥ 600	71.2	76.9	79.7	81.6	84.5	86.3	87.6	88.6	89.7	91.1	91.8	91.8	92.1	92.1	92.1	92.1
≥ 500	71.2	76.9	79.8	81.7	84.6	86.7	88.4	89.4	90.6	92.2	93.0	93.0	93.7	93.7	93.7	93.7
≥ 400	71.2	76.9	79.8	81.9	84.9	87.0	88.7	89.8	91.1	93.1	95.2	95.2	95.8	95.8	96.0	96.0
≥ 300	71.2	76.9	79.8	81.9	85.2	87.2	89.7	91.0	92.6	95.0	97.2	97.2	98.0	98.0	98.1	98.1
≥ 200	71.2	76.9	79.8	81.9	85.2	87.2	89.9	91.3	92.9	95.4	97.6	97.6	98.7	98.7	98.9	98.9
≥ 100	71.2	76.9	79.8	81.9	85.2	87.2	89.9	91.3	93.0	95.6	98.0	98.0	99.5	99.7	100.0	100.0
≥ 0	71.2	76.9	79.8	81.9	85.2	87.2	89.9	91.3	93.0	95.6	98.0	98.0	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

14001 BANGOR INTERNATIONAL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1700-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING	39.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 2000	43.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 1800	44.1	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 1600	44.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 1400	44.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 1200	45.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 1000	47.7	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 900	47.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 800	50.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 700	51.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 600	52.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 500	54.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 450	55.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 400	56.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 350	57.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 300	58.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 250	58.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 200	59.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 180	59.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 160	59.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 140	59.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 120	59.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 100	59.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 90	60.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 80	60.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 70	60.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 60	60.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 50	60.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 40	60.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 30	60.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20	60.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10	60.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 0	60.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14871  
STATION

PANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1487-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	1.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	1.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	1.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	1.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	1.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	1.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	1.5	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 9000	1.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 8000	1.5	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	1.5	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	1.5	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	1.5	67.6	67.6	67.6	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	1.5	68.4	68.4	68.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	1.5	70.8	71.2	71.2	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	1.5	71.5	72.0	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	1.5	72.2	73.0	73.5	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2500	1.5	73.8	74.6	75.3	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	1.5	75.8	76.7	77.6	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800	1.5	75.8	76.7	77.6	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1600	1.5	77.6	78.2	79.3	80.1	80.2	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1400	1.5	77.6	78.8	80.0	80.8	81.0	82.1	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1200	1.5	77.6	78.8	80.0	80.8	81.0	82.1	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1000	1.5	77.8	79.3	80.6	81.6	81.9	83.3	83.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 900	1.5	79.1	79.6	81.2	82.4	82.7	84.3	84.5	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5
≥ 800	1.5	78.5	80.5	82.3	83.9	84.1	86.0	86.4	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 700	1.5	78.5	80.8	82.7	84.4	84.7	86.6	87.1	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8
≥ 600	1.5	78.8	81.5	83.5	85.2	85.6	87.8	88.6	89.7	90.1	90.5	90.5	90.5	90.5	90.5	90.5
≥ 500	1.5	79.0	81.7	83.7	85.8	86.3	88.8	89.7	91.3	92.5	92.7	92.9	93.0	93.0	93.0	93.0
≥ 400	1.5	79.0	81.7	83.9	85.9	86.7	89.7	90.5	92.5	93.7	94.2	94.5	94.8	94.8	94.9	94.9
≥ 300	1.5	79.0	81.7	83.9	85.9	87.1	91.1	92.3	94.6	96.0	96.6	97.0	97.7	97.7	97.8	97.8
≥ 200	1.5	79.0	81.7	83.9	85.9	87.1	91.1	92.3	95.0	96.4	97.0	97.6	98.4	98.4	98.5	98.5
≥ 100	1.5	79.0	81.7	83.9	85.9	87.1	91.1	92.5	95.3	96.8	97.6	98.3	99.6	99.6	99.7	99.7
≥ 0	1.5	79.0	81.7	83.9	85.9	87.1	91.1	92.5	95.3	96.8	97.6	98.3	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14501

BANGOR INTERNATIONAL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/2	≥ 1/4	≥ 1/4	≥ 0
NO CEILING	.1	51.5	50.5	51.1	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 2000	.1	52.6	52.6	53.1	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 1800	.1	53.1	53.1	53.6	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 1600	.1	53.5	53.5	54.0	54.7	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 1400	.1	54.2	54.2	54.7	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 1200	.1	55.0	55.0	55.5	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 1000	.1	56.2	56.2	56.7	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 900	.1	57.1	57.1	57.7	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 800	.1	59.4	59.4	60.1	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 700	.1	61.3	61.3	62.0	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 600	.1	63.7	63.8	64.8	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 500	.1	65.2	65.3	66.5	67.3	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 450	.1	65.7	65.9	67.1	67.9	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 400	.1	67.3	67.6	68.8	69.8	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 350	.1	68.7	69.7	70.2	71.1	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 300	.1	69.6	70.0	71.2	72.2	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 250	.1	71.5	72.3	73.8	74.9	75.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 200	.1	74.2	75.4	77.4	78.8	78.9	79.0	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 180	.1	74.5	75.7	77.7	79.0	79.3	79.4	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 150	.1	76.1	77.7	80.1	81.6	82.0	82.3	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 120	.1	77.0	79.0	81.6	83.5	84.0	84.4	84.9	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 100	.1	77.2	79.4	82.3	84.5	85.2	85.6	86.3	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 90	.1	77.3	79.8	82.7	84.9	85.6	86.0	86.7	87.2	87.8	87.8	87.8	87.8	87.9	87.9	87.9
≥ 80	.1	77.3	80.2	83.1	85.6	86.4	86.8	87.5	88.2	88.7	88.8	88.8	88.8	89.0	89.0	89.0
≥ 70	.1	77.7	80.6	83.6	86.6	87.5	88.0	88.7	89.5	90.2	90.3	90.3	90.5	90.5	90.5	90.5
≥ 60	.1	77.8	81.2	84.1	87.4	88.3	89.0	89.7	90.4	91.9	92.1	92.1	92.2	92.2	92.2	92.2
≥ 50	.1	77.8	81.2	84.3	87.9	89.0	89.9	90.7	92.6	94.1	94.4	94.4	94.5	94.5	94.5	94.5
≥ 40	.1	77.8	81.2	84.4	88.2	89.4	90.6	91.5	93.5	95.0	95.4	95.4	95.8	95.8	95.8	95.8
≥ 30	.1	77.8	81.2	84.5	89.0	90.2	91.8	93.0	95.4	96.9	97.3	97.3	98.0	98.0	98.0	98.0
≥ 20	.1	77.8	81.2	84.5	89.1	90.3	91.9	93.3	95.7	97.2	97.7	97.7	98.4	98.4	98.4	98.4
≥ 10	.1	77.8	81.2	84.5	89.1	90.3	91.9	93.4	95.8	97.4	98.0	98.3	99.3	99.5	99.7	99.7
≥ 0	.1	77.8	81.2	84.5	89.1	90.3	91.9	93.4	95.8	97.4	98.0	98.3	99.3	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 2000	19.9	48.1	48.5	48.7	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.2	49.2
≥ 1800	22.2	52.6	53.0	53.2	53.3	53.4	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.7	53.7
≥ 1600	22.2	52.6	53.3	53.5	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.1
≥ 1400	22.3	53.4	53.9	54.0	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.5	54.5
≥ 1200	22.3	54.3	54.7	55.0	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.5
≥ 1000	23.3	56.2	56.6	56.9	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.5
≥ 900	24.0	56.9	57.3	57.7	57.8	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2
≥ 800	24.9	59.1	59.6	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.6
≥ 700	25.2	60.2	60.7	61.2	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.8
≥ 600	25.6	61.9	62.4	63.0	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.6
≥ 500	26.5	64.1	64.8	65.4	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2
≥ 450	26.9	65.1	65.8	66.5	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3
≥ 400	27.4	66.8	67.6	68.3	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.3
≥ 350	28.2	68.7	69.6	70.3	70.7	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.4
≥ 300	28.9	70.5	71.5	72.3	72.9	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.6
≥ 250	29.2	71.9	73.2	74.1	74.8	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6
≥ 200	29.4	73.7	75.1	76.4	77.5	77.7	78.1	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.7
≥ 180	29.5	74.1	75.5	76.9	77.9	78.2	78.6	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.2
≥ 150	29.6	74.8	76.6	78.2	79.5	79.9	80.5	80.7	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3
≥ 120	29.7	75.6	77.5	79.4	81.0	81.5	82.3	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.4
≥ 100	29.8	76.0	78.0	80.0	81.8	82.5	83.7	84.1	84.6	84.9	85.0	85.0	85.0	85.0	85.1	85.2
≥ 90	29.9	76.2	78.3	80.5	82.5	83.2	84.4	84.8	85.4	85.7	85.8	85.8	85.9	85.9	86.0	86.1
≥ 80	29.9	76.4	78.7	81.2	83.4	84.3	85.6	86.1	86.9	87.4	87.6	87.6	87.7	87.7	87.8	87.8
≥ 70	30.0	76.6	79.2	81.8	84.2	85.2	86.6	87.2	88.1	88.7	88.9	88.9	89.0	89.0	89.1	89.2
≥ 60	30.0	77.0	79.6	82.6	85.3	86.4	87.9	88.6	89.7	90.4	90.7	90.8	90.9	90.9	91.0	91.0
≥ 50	30.0	77.2	80.0	83.1	86.1	87.2	89.1	89.8	91.4	92.5	93.0	93.0	93.3	93.3	93.4	93.4
≥ 40	30.0	77.3	80.1	83.3	86.3	87.6	89.8	90.6	92.4	93.7	94.5	94.6	94.9	94.9	95.1	95.1
≥ 30	30.0	77.3	80.1	83.4	86.6	88.1	90.8	91.9	94.1	95.5	96.5	96.7	97.3	97.3	97.4	97.5
≥ 20	30.0	77.3	80.1	83.4	86.6	88.2	90.9	92.3	94.7	96.3	97.3	97.5	98.3	98.3	98.5	98.6
≥ 10	30.0	77.3	80.1	83.4	86.6	88.2	90.9	92.4	94.8	96.5	97.7	97.9	99.0	99.2	99.5	99.6
≥ 0	30.0	77.3	80.1	83.4	86.6	88.2	90.9	92.4	94.9	96.6	97.8	99.0	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 950

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14671

BANGOR INTERNATIONAL

74-81

FEH

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥¼	≥⅓	≥0
NO CEILING		53.9	55.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000		56.9	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000		57.1	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 15000		57.1	58.3	58.4	59.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000		57.5	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000		58.1	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000		60.2	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000		60.2	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000		61.8	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000		62.5	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000		64.3	65.9	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000		66.2	68.0	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500		66.5	68.3	68.4	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4000		68.4	70.2	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500		70.9	72.7	73.0	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000		73.9	75.7	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2500		74.5	76.3	76.5	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2000		76.1	78.0	78.5	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1800		76.3	78.2	78.6	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500		77.0	78.9	79.5	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1200		77.7	79.8	80.7	82.3	82.3	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1000		78.3	80.4	81.6	83.2	83.2	83.8	84.2	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 900		78.5	80.5	81.9	83.6	83.6	84.5	85.0	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 800		79.2	81.4	83.0	85.0	85.1	86.3	87.3	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 700		79.2	81.9	83.9	86.3	86.4	87.6	88.6	89.2	89.8	89.8	89.8	90.0	90.0	90.0	90.0
≥ 600		79.2	81.9	83.9	86.7	87.2	88.6	90.0	90.6	91.2	91.3	91.3	91.4	91.4	91.4	91.4
≥ 500		79.2	81.9	83.9	86.9	87.3	88.8	90.1	90.7	91.3	91.7	91.7	91.9	91.9	91.9	91.9
≥ 400		79.4	82.0	84.2	87.8	88.6	90.7	92.3	93.5	94.1	94.7	94.7	95.1	95.1	95.1	95.1
≥ 300		79.4	82.0	84.2	87.8	88.6	91.2	92.8	94.1	94.7	95.3	95.3	95.7	95.7	95.7	95.7
≥ 200		79.5	82.2	84.4	88.1	88.9	91.4	93.2	94.5	95.1	95.7	95.7	96.5	96.5	96.5	96.5
≥ 100		79.5	82.2	84.4	88.1	88.9	91.4	93.2	94.5	95.1	95.9	96.2	97.2	97.2	97.6	97.8
≥ 0		79.5	82.2	84.4	88.1	88.9	91.7	93.5	94.8	95.7	96.5	96.8	97.8	97.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 671

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-61  
YEARS

FEB  
MONTH  
0300-1800  
HOURS (L.S.T.)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING		51.8	52.8	53.2	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 2000		56.5	57.5	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1800		56.5	57.5	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1600		56.5	57.5	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1400		56.6	57.7	58.1	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 1200		56.8	57.8	58.3	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1000		59.1	60.3	60.6	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 900		59.3	60.3	60.8	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 800		60.2	61.2	61.7	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 700		60.8	62.1	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 600		62.7	64.1	64.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 500		64.7	66.5	67.1	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 450		65.0	66.8	67.4	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 400		67.0	68.7	69.3	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 350		69.6	71.4	72.3	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 300		71.1	72.9	73.9	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 250		72.0	73.9	74.9	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 200		74.6	76.8	78.3	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 180		75.4	77.6	79.2	79.6	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 150		76.0	78.2	79.9	80.5	80.8	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 120		77.1	79.5	81.4	82.3	82.6	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 100		77.6	79.9	82.0	83.0	83.3	83.6	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 90		77.7	80.1	82.3	83.3	83.8	84.1	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 80		78.5	80.8	83.2	84.8	85.3	85.7	86.3	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 70		78.5	81.0	83.6	85.8	86.3	86.9	87.5	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 60		78.5	81.1	84.8	87.5	87.9	88.8	89.4	89.5	90.3	90.9	90.9	91.0	91.0	91.0	91.0
≥ 50		78.6	81.3	85.1	88.2	88.6	90.0	90.6	90.7	91.4	92.0	92.0	92.0	92.0	92.0	92.0
≥ 40		78.6	81.7	85.5	88.6	89.1	90.7	91.4	91.7	92.6	93.2	93.2	93.5	93.5	93.5	93.5
≥ 30		78.6	81.7	85.7	89.1	90.0	92.0	92.8	93.1	94.1	94.7	94.7	95.3	95.3	95.3	95.4
≥ 20		78.6	81.7	85.7	89.1	90.0	92.3	93.2	93.5	94.8	95.4	95.4	96.2	96.2	96.2	96.3
≥ 10		78.6	81.7	85.7	89.1	90.0	92.5	93.4	93.8	95.1	95.9	95.9	96.6	96.6	96.6	96.9
≥ 0		78.6	81.7	85.7	89.1	90.0	92.5	93.4	94.1	95.6	96.3	96.3	97.1	97.1	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 67



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14001 HANGOR INTERNATIONAL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	32.3	49.1	49.7	50.1	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	36.3	55.8	56.9	56.9	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	36.4	56.0	56.9	57.2	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 17000	36.7	56.3	57.1	57.5	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	37.2	56.8	57.5	58.0	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 15000	37.3	57.1	57.8	58.3	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	38.3	59.0	59.7	60.2	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 13000	38.6	59.6	60.3	60.8	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 12000	39.5	60.6	61.4	61.8	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 11000	40.1	61.9	62.7	63.1	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
≥ 10000	41.4	64.3	65.0	65.5	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 9000	42.5	66.4	67.1	67.6	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6
≥ 8000	42.5	66.8	67.6	68.0	68.6	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2
≥ 7000	44.5	69.6	70.4	70.8	71.4	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 6000	45.3	72.3	73.0	73.6	74.2	74.3	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1
≥ 5000	45.7	73.2	74.0	74.8	75.5	75.7	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.4
≥ 4500	46.5	75.1	76.4	77.6	78.5	78.6	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.8
≥ 4000	46.9	76.4	77.9	79.2	80.1	80.2	81.3	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.9
≥ 3500	47.1	76.7	78.2	79.5	80.5	80.7	81.7	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.3
≥ 3000	47.2	76.8	78.5	79.8	80.8	81.0	82.2	82.3	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.9
≥ 2500	47.8	78.8	80.4	81.7	82.7	83.0	84.4	84.5	84.5	84.5	85.0	85.0	85.0	85.0	85.0	85.1
≥ 2000	48.1	79.6	81.3	82.7	83.9	84.2	85.8	86.0	86.3	86.3	86.9	86.9	86.9	86.9	86.9	87.0
≥ 1800	48.2	79.9	82.0	83.9	85.5	85.8	87.5	87.6	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1600	49.2	80.4	82.9	85.0	86.9	87.2	89.1	89.4	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 1400	48.2	80.5	83.0	85.3	87.3	87.8	89.7	90.1	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.2
≥ 1200	48.3	80.7	83.2	85.7	87.9	88.3	90.4	90.9	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥ 1000	48.2	80.8	83.5	86.4	88.6	89.1	91.3	91.9	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 900	48.2	81.0	83.6	86.7	89.4	89.8	92.0	92.6	93.2	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 800	48.2	81.0	83.6	86.7	89.5	90.0	92.6	93.4	94.1	95.0	95.1	95.1	95.1	95.1	95.1	95.3
≥ 700	48.2	81.0	83.6	86.7	89.7	90.1	92.9	93.8	94.7	95.7	95.9	95.9	95.9	96.0	96.0	96.3
≥ 600	48.2	81.0	83.6	86.7	89.7	90.1	92.9	93.8	94.7	95.9	96.2	96.3	96.6	96.6	97.5	98.5
≥ 500	48.2	81.0	83.6	86.7	89.7	90.1	92.9	93.8	94.7	95.9	96.2	96.3	96.8	96.8	97.8	100.0
≥ 400	48.2	81.0	83.6	86.7	89.7	90.1	92.9	93.8	94.7	95.9	96.2	96.3	96.8	96.8	97.8	100.0
≥ 300	48.2	81.0	83.6	86.7	89.7	90.1	92.9	93.8	94.7	95.9	96.2	96.3	96.8	96.8	97.8	100.0
≥ 200	48.2	81.0	83.6	86.7	89.7	90.1	92.9	93.8	94.7	95.9	96.2	96.3	96.8	96.8	97.8	100.0
≥ 100	48.2	81.0	83.6	86.7	89.7	90.1	92.9	93.8	94.7	95.9	96.2	96.3	96.8	96.8	97.8	100.0
≥ 0	48.2	81.0	83.6	86.7	89.7	90.1	92.9	93.8	94.7	95.9	96.2	96.3	96.8	96.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	46.5	48.2	48.7	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	51.9	53.8	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	51.9	53.8	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	51.9	53.8	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 14000	53.9	55.8	56.2	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	54.7	56.6	57.1	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	58.1	60.2	60.6	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	58.3	60.3	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	61.1	63.1	63.6	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000	62.7	64.9	65.3	65.8	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	64.2	66.4	66.8	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	64.5	66.7	67.1	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	64.9	67.4	68.0	68.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	69.0	71.5	72.3	73.2	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3500	69.9	72.6	73.3	74.2	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	70.9	74.5	75.4	76.3	76.8	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	72.6	76.7	77.6	78.6	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	73.2	77.4	78.6	79.9	80.8	81.3	81.9	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	73.2	77.6	79.1	80.4	81.4	81.9	82.4	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	74.3	78.9	80.5	82.0	83.0	83.9	85.0	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	74.8	79.9	81.7	83.5	84.5	85.5	86.6	86.9	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	74.9	80.1	82.3	84.1	85.3	86.4	87.5	87.8	88.5	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	74.9	80.2	82.6	84.4	85.5	86.9	88.3	88.6	89.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	74.9	80.2	82.6	84.4	85.5	86.9	88.3	88.6	89.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	75.2	80.7	83.2	85.0	86.3	87.6	89.1	89.4	90.4	91.7	91.9	91.9	92.0	92.0	92.0	92.0
≥ 600	75.4	80.8	83.5	85.7	87.0	88.3	90.1	90.7	91.9	93.2	93.4	93.4	93.5	93.5	93.5	93.5
≥ 500	75.4	80.8	83.6	86.0	87.3	88.6	90.6	91.2	92.3	93.7	93.8	93.8	94.0	94.0	94.0	94.1
≥ 400	75.4	80.8	83.6	86.0	87.3	88.6	90.6	91.2	92.3	93.7	93.8	93.8	94.0	94.0	94.0	94.1
≥ 300	75.4	80.8	83.6	86.1	87.6	89.2	91.6	92.8	94.1	95.7	96.6	96.6	96.8	96.8	96.9	97.1
≥ 200	75.4	80.8	83.6	86.1	87.6	89.2	91.7	93.1	94.5	96.5	97.3	97.3	97.5	97.6	97.8	97.9
≥ 100	75.4	80.8	83.6	86.1	87.6	89.2	91.7	93.1	94.8	96.9	97.9	98.2	98.8	99.0	99.1	99.7
≥ 0	75.4	80.8	83.6	86.1	87.6	89.2	91.7	93.1	94.8	96.9	97.9	98.2	98.8	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671

LANGOR INTERNATIONAL

74-31

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ ⅓	≥ ¼	≥ 0
NO CEILING	45.9	48.4	49.1	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	51.9	54.9	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 15000	52.1	55.0	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	52.1	55.0	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7500	52.1	55.0	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 5000	52.1	55.0	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 2500	54.3	57.2	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 2000	57.1	60.0	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 1500	57.2	60.2	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 1000	58.6	61.5	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 800	58.7	61.7	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 600	60.2	63.1	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 500	61.3	65.2	66.2	66.5	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 450	63.0	66.2	67.3	67.6	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 400	66.8	70.5	71.7	72.1	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 350	69.5	73.2	74.5	74.9	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 300	70.8	75.5	77.0	77.6	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 250	72.1	76.8	78.8	79.4	80.5	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 200	74.3	79.1	81.6	82.2	83.3	83.3	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	74.6	79.5	82.0	82.7	83.9	83.9	84.5	84.5	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	75.6	80.8	83.3	84.1	85.3	85.3	85.8	86.4	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	76.3	81.6	84.2	85.1	86.6	87.2	87.9	88.5	88.9	89.4	89.4	89.4	89.4	89.5	89.5	89.5
≥ 1000	76.3	82.0	84.6	85.6	87.9	88.6	89.8	90.6	91.2	91.9	91.9	91.9	92.2	92.2	92.2	92.2
≥ 900	76.4	82.3	85.3	86.4	88.5	89.4	90.6	91.3	91.9	92.6	92.6	92.6	92.9	92.9	92.9	92.9
≥ 800	76.4	82.3	85.3	86.4	88.5	89.4	90.6	91.3	91.9	92.6	92.6	92.6	92.9	93.2	93.2	93.2
≥ 700	76.5	82.6	85.7	86.9	89.1	90.0	91.2	91.9	92.5	93.4	93.4	93.8	94.1	94.1	94.1	94.1
≥ 600	76.5	82.9	86.0	87.2	89.4	90.3	91.4	92.3	92.9	94.1	94.2	94.7	95.0	95.0	95.0	95.0
≥ 500	76.5	83.2	86.9	88.1	90.3	91.2	92.5	93.4	94.1	95.6	95.9	96.3	96.6	96.8	96.8	96.8
≥ 400	76.5	83.2	87.0	88.2	90.4	91.3	92.6	93.8	94.7	96.3	96.8	97.2	97.6	97.6	97.9	97.9
≥ 300	76.5	83.2	87.0	88.2	90.4	91.3	92.6	93.8	94.8	96.5	96.9	97.5	97.9	98.1	98.4	98.5
≥ 200	76.5	83.2	87.0	88.2	90.4	91.3	92.6	93.8	94.8	96.5	97.1	97.6	98.7	98.8	99.3	99.6
≥ 100	76.5	83.2	87.0	88.2	90.4	91.3	92.6	93.8	94.8	96.5	97.1	97.6	98.7	98.8	99.3	100.0
≥ 0	76.5	83.2	87.0	88.2	90.4	91.3	92.6	93.8	94.8	96.5	97.1	97.6	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

674

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING	46.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 2000	52.2	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 1800	52.2	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 1600	52.2	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 1400	53.1	55.0	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1200	54.6	56.5	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1000	57.7	59.6	60.5	60.6	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 900	58.1	60.0	60.9	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 800	60.8	63.0	63.9	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 700	61.7	63.9	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 600	63.4	65.9	66.8	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 500	66.2	69.2	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 450	67.0	69.9	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 400	69.5	73.3	74.6	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 350	71.1	75.2	76.8	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 300	72.7	77.1	78.9	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 250	74.9	79.4	81.1	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 200	76.7	81.4	83.2	83.9	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 180	77.1	81.9	83.6	84.4	85.0	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 150	77.7	82.4	84.2	85.0	86.0	86.0	86.1	87.2	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 120	78.3	83.9	85.7	86.6	88.1	88.2	88.6	89.7	90.4	90.9	91.0	91.2	91.2	91.2	91.2
≥ 100	78.3	83.9	85.7	86.7	88.3	88.6	89.2	90.6	91.3	91.7	91.9	92.2	92.3	92.3	92.3
≥ 90	78.3	83.9	85.8	87.2	88.9	89.2	89.8	91.2	91.9	92.3	92.5	92.8	92.9	92.9	92.9
≥ 80	78.3	84.1	86.3	87.6	89.4	89.7	90.3	91.6	92.6	93.2	93.4	93.7	93.8	93.8	93.8
≥ 70	78.3	84.1	86.6	87.9	89.8	90.1	90.9	92.2	93.4	94.0	94.1	94.4	94.5	94.5	94.5
≥ 60	78.3	84.1	86.7	88.1	90.1	90.6	91.3	92.6	93.8	94.4	94.8	95.1	95.3	95.3	95.3
≥ 50	78.3	84.1	86.7	88.1	90.3	90.7	91.4	92.8	94.2	95.0	95.9	96.3	96.5	96.5	96.5
≥ 40	78.3	84.1	86.7	88.1	90.4	91.0	91.9	93.4	95.0	95.9	96.8	97.2	97.3	97.6	97.6
≥ 30	78.3	84.1	86.7	88.1	90.4	91.0	92.0	93.7	95.6	96.8	97.6	98.1	98.2	98.5	98.5
≥ 20	78.3	84.1	86.7	88.1	90.6	91.2	92.2	93.8	95.7	97.2	98.1	98.5	98.8	99.1	99.1
≥ 10	78.3	84.1	86.7	88.1	90.6	91.2	92.2	93.8	95.7	97.2	98.4	98.8	99.3	99.9	99.9
≥ 0	78.3	84.1	86.7	88.1	90.6	91.2	92.2	93.8	95.7	97.2	98.4	98.8	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

678

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14501

BANGOR INTERNATIONAL

74-81

FEB

STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	3.7	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	4.0	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	4.0	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	4.0	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	4.0	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	4.0	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	4.0	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	4.0	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	4.3	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	4.3	67.9	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	4.3	69.3	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000	4.3	72.0	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	4.3	72.1	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4000	4.3	75.1	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	4.3	75.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	4.3	77.0	78.2	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	4.6	79.0	80.1	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	4.6	80.4	81.8	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800	4.6	80.6	81.9	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1500	4.6	81.0	82.4	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200	4.6	82.4	84.1	85.2	85.9	86.1	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	4.6	82.7	84.6	86.2	87.0	87.3	88.7	88.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	4.6	82.8	84.7	86.4	87.1	87.4	89.0	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	4.6	83.0	85.6	87.6	88.4	88.7	90.8	90.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	4.6	83.0	85.6	88.0	89.0	89.3	91.4	91.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	4.6	83.0	85.6	88.0	89.0	89.3	91.6	91.6	93.2	93.2	93.5	93.6	93.6	93.6	93.6	93.6
≥ 500	4.6	83.3	85.9	88.3	89.9	90.1	92.6	92.9	94.2	94.5	94.8	95.0	95.0	95.1	95.1	95.1
≥ 400	4.6	83.3	85.9	88.4	89.8	90.4	93.2	93.6	95.3	95.7	96.0	96.4	96.4	96.6	96.6	96.6
≥ 300	4.6	83.3	85.9	88.4	90.2	90.8	93.6	94.2	96.3	96.7	97.0	97.6	97.9	98.1	98.1	98.2
≥ 200	4.6	83.3	85.9	89.4	90.2	90.8	93.9	94.5	96.9	97.3	97.6	98.2	98.5	98.7	98.8	99.0
≥ 100	4.6	83.3	85.9	88.4	90.2	90.8	93.9	94.5	96.9	97.6	98.4	99.0	99.3	99.4	99.9	100.0
≥ 0	4.6	83.3	85.9	88.4	90.2	90.8	93.9	94.5	96.9	97.6	98.4	99.0	99.3	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ 1/8	≥ 0
NO CEILING		58.2	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	56.7
≥ 20000		59.9	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 18000		59.9	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 16000		59.9	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 14000		60.6	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2
≥ 12000		60.7	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 10000		62.5	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3
≥ 9000		62.8	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6
≥ 8000		64.1	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 7000		64.7	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 6000		67.7	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
≥ 5000		69.5	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 4500		70.5	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6
≥ 4000		72.4	73.2	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 3500		74.4	75.1	75.1	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 3000		76.6	77.5	77.6	77.6	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1
≥ 2500		77.0	78.1	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 2000		78.2	79.6	80.1	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9
≥ 1800		78.5	79.9	80.4	80.7	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 1500		79.6	81.0	81.8	82.2	82.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 1200		80.7	82.4	83.6	84.1	84.3	84.7	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1000		81.2	83.0	84.7	85.5	85.6	86.2	86.8	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 900		81.5	83.4	85.2	85.9	86.1	86.7	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3
≥ 800		81.5	83.4	85.3	86.4	86.5	87.3	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3
≥ 700		81.6	83.7	85.8	87.1	87.3	88.1	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.4
≥ 600		81.9	84.1	86.4	87.9	88.0	88.9	89.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.6
≥ 500		81.9	84.3	86.7	88.3	88.4	89.3	90.7	92.0	92.1	92.3	92.4	92.6	92.6	92.7	92.9
≥ 400		82.1	84.6	87.0	89.0	89.2	90.2	91.6	93.3	93.6	94.1	94.2	94.8	94.8	95.0	95.1
≥ 300		82.1	84.6	87.0	89.0	89.2	90.4	92.1	94.5	94.8	95.3	95.4	96.0	96.0	96.1	96.3
≥ 200		82.1	84.6	87.0	89.0	89.2	90.5	92.4	95.7	96.0	96.9	97.0	97.9	97.9	98.2	98.5
≥ 100		82.1	84.6	87.0	89.0	89.2	90.5	92.4	95.7	96.0	97.0	97.3	98.5	98.5	99.3	99.6
≥ 0		82.1	84.6	87.0	89.0	89.2	90.5	92.4	95.7	96.0	97.0	97.3	98.5	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

675

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

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MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	21.9	51.6	52.2	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	24.6	56.4	57.1	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	24.6	56.5	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 16000	24.6	56.5	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	25.1	57.2	58.0	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	25.6	58.1	58.9	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	26.9	60.6	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 9000	27.1	60.9	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	28.1	62.7	63.6	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 7000	28.5	63.5	64.4	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	29.2	65.5	66.4	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	30.0	67.5	68.5	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 4500	30.3	68.1	69.1	69.4	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	31.8	71.0	72.1	72.6	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 3500	32.5	73.0	74.2	74.7	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	33.1	74.9	76.2	76.8	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2500	33.9	76.3	77.8	78.5	79.1	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	34.5	78.0	79.7	80.5	81.2	81.3	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800	34.6	78.3	80.0	81.0	81.7	81.8	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1500	35.0	79.1	80.9	81.9	82.7	82.9	83.4	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 1200	35.3	80.3	82.2	83.5	84.6	84.9	85.7	86.0	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	35.3	80.7	82.7	84.2	85.5	85.9	86.8	87.3	87.9	88.3	88.3	88.4	88.4	88.4	88.4	88.5
≥ 900	35.3	80.9	83.1	84.7	86.1	86.5	87.5	88.0	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2
≥ 800	35.3	81.1	83.5	85.3	86.9	87.3	88.5	89.2	89.9	90.4	90.5	90.5	90.6	90.6	90.6	90.7
≥ 700	35.4	81.3	83.8	85.8	87.6	88.1	89.4	90.0	90.8	91.3	91.4	91.5	91.6	91.6	91.6	91.7
≥ 600	35.4	81.4	84.0	86.2	88.2	88.7	90.1	91.0	91.8	92.4	92.6	92.7	92.9	92.9	92.9	92.9
≥ 500	35.4	81.5	84.3	86.6	88.7	89.3	90.8	91.7	92.6	93.3	93.7	93.8	94.0	94.0	94.0	94.1
≥ 400	35.4	81.5	84.4	86.8	89.1	89.8	91.5	92.5	93.7	94.6	95.0	95.2	95.4	95.5	95.6	95.6
≥ 300	35.4	81.5	84.4	86.8	89.3	90.0	92.0	93.2	94.6	95.5	96.1	96.3	96.6	96.7	96.7	96.8
≥ 200	35.4	81.6	84.4	86.8	89.4	90.1	92.2	93.5	95.1	96.1	96.7	97.0	97.4	97.5	97.6	97.8
≥ 100	35.4	81.6	84.4	86.8	89.4	90.1	92.2	93.5	95.1	96.3	97.1	97.4	98.1	98.3	98.7	99.0
≥ 0	35.4	81.6	84.4	86.8	89.4	90.1	92.3	93.5	95.2	96.4	97.2	97.5	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 541

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14611  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MA  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2359  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/10	≥ 0
NO CEILING ≥ 20000		43.4	43.5	48.9	49.2	49.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.6
≥ 18000 ≥ 15000		50.9	51.1	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.2
≥ 14000 ≥ 12000		50.9	51.1	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.2
≥ 10000 ≥ 9000		51.1	51.2	51.7	52.0	52.3	52.3	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.4
≥ 8000 ≥ 7000		51.3	51.5	52.0	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.7
≥ 6000 ≥ 5000		52.7	52.8	53.4	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.2
≥ 4500 ≥ 4000		52.7	52.8	53.4	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.2
≥ 3500 ≥ 3000		55.2	55.4	55.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.7
≥ 2500 ≥ 2000		55.4	55.5	56.0	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.9
≥ 1800 ≥ 1500		56.7	57.0	57.5	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
≥ 1200 ≥ 1000		59.7	60.1	60.6	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.6
≥ 900 ≥ 800		61.4	61.8	62.4	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.3
≥ 700 ≥ 600		64.4	64.9	65.5	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.4
≥ 500 ≥ 400		66.4	66.9	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.4
≥ 300 ≥ 200		67.9	68.4	69.2	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.4
≥ 1500 ≥ 1000		70.2	71.0	71.8	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	73.1
≥ 800 ≥ 600		72.7	73.9	74.7	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	77.0
≥ 400 ≥ 300		73.4	74.6	75.5	77.2	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	78.1
≥ 200 ≥ 100		74.7	75.9	77.2	79.0	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	80.1
≥ 100 U		76.3	77.8	79.2	81.7	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.9
		76.7	78.2	79.6	82.1	82.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	84.1
		77.3	78.8	80.2	82.8	83.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.9
		77.4	78.9	80.6	83.3	83.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.6
		77.6	79.3	81.0	83.9	84.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.3
		77.7	79.7	82.0	86.0	86.7	88.4	88.4	88.7	88.8	88.8	88.8	88.8	89.0	89.0	89.2
		77.7	80.0	82.3	86.8	87.5	89.2	89.4	89.7	90.3	90.5	90.5	90.5	90.7	90.7	91.0
		77.7	80.1	83.1	87.6	88.6	90.7	91.1	91.7	92.5	92.7	92.7	92.7	93.1	93.1	93.7
		77.7	80.1	83.1	87.6	88.7	91.0	91.4	92.1	93.1	93.5	93.5	93.5	94.5	94.5	95.0
		77.7	80.1	83.1	87.6	88.7	91.0	91.7	92.3	93.5	94.1	94.1	94.1	95.4	95.4	96.1
		77.7	80.1	83.1	87.6	88.7	91.0	91.7	92.5	94.0	94.6	94.6	94.8	97.0	97.6	99.1
		77.7	80.1	83.1	87.6	88.7	91.0	91.7	92.5	94.0	94.6	94.6	94.8	97.0	97.6	98.7

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14001

BANGOR INTERNATIONAL

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	.5	46.2	46.8	47.3	47.4	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	.5	46.8	49.3	49.9	50.0	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	.5	48.8	49.3	49.9	50.0	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	.5	48.8	49.3	49.9	50.0	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	.5	49.5	50.0	50.5	50.7	50.8	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 12000	.5	49.7	50.3	50.8	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 10000	.5	52.4	53.0	53.5	53.6	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 9000	.5	52.6	53.1	53.6	53.8	53.9	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 8000	.5	54.3	54.8	55.5	55.6	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	.5	54.4	55.0	55.6	55.8	55.9	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000	.5	55.6	56.2	56.9	57.0	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	.7	58.2	58.7	59.4	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4500	.7	59.1	59.7	60.3	60.5	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4000	.7	62.6	63.2	64.0	64.1	64.2	64.4	64.4	64.5	64.8	64.8	64.8	64.8	64.9	64.9	64.9
≥ 3500	.7	63.6	64.1	65.3	65.5	65.6	65.7	65.7	65.9	66.1	66.1	66.1	66.1	66.3	66.3	66.3
≥ 3000	.7	64.9	65.9	67.2	67.3	67.5	67.6	67.6	67.7	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥ 2500	.7	67.6	68.5	69.9	70.0	70.2	70.4	70.4	70.6	70.8	70.8	70.8	70.8	71.0	71.0	71.0
≥ 2000	.7	69.4	70.3	71.9	72.0	72.2	72.4	72.4	72.7	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥ 1800	.7	69.8	70.7	72.4	72.6	72.7	73.1	73.1	73.5	73.8	73.8	73.8	73.8	73.9	73.9	73.9
≥ 1500	.7	71.4	72.4	74.3	74.5	74.6	75.0	75.0	75.4	75.7	75.7	75.7	75.7	75.8	75.8	75.8
≥ 1200	.7	73.4	74.6	76.7	77.3	77.4	78.1	78.2	78.6	78.9	78.9	78.9	78.9	79.0	79.0	79.0
≥ 1000	.7	73.8	75.1	77.4	78.4	78.8	79.8	80.0	80.6	81.0	81.0	81.0	81.0	81.2	81.2	81.2
≥ 900	.7	74.1	75.5	78.0	79.2	79.6	80.8	80.9	81.6	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 800	.7	74.2	75.8	78.8	80.2	81.0	82.5	82.7	83.5	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 700	.7	74.2	76.1	79.2	81.2	82.1	84.0	84.3	85.2	85.6	85.6	85.6	85.6	85.8	85.8	85.8
≥ 600	.7	74.5	76.7	80.2	82.9	84.0	85.9	86.3	87.8	88.2	88.2	88.2	88.2	88.3	88.3	88.3
≥ 500	.7	74.5	76.7	80.4	83.3	84.4	86.8	87.2	88.8	89.2	89.2	89.2	89.2	89.7	89.8	89.8
≥ 400	.7	74.5	76.7	80.8	84.0	85.1	87.8	88.3	90.2	90.7	90.9	90.9	90.9	91.4	91.5	91.5
≥ 300	.7	74.5	76.7	80.8	84.0	85.1	88.0	89.4	91.4	91.9	92.2	92.2	92.2	93.0	93.1	93.3
≥ 200	.7	74.5	76.7	80.8	84.1	85.3	88.8	90.5	92.6	93.5	94.4	94.4	94.4	96.3	96.1	96.5
≥ 100	.7	74.5	76.7	80.8	84.1	85.3	88.8	90.6	92.9	94.2	95.0	95.2	95.2	97.0	97.2	98.8
≥ 0	.7	74.5	76.7	80.8	84.1	85.3	88.8	90.6	92.9	94.2	95.2	95.3	95.3	97.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14001  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

1400  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6500-7600  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1.0	≥ 1.25	≥ 1.5	≥ 1.75	≥ 2.0	≥ 2.25	≥ 2.5	≥ 2.75	≥ 3.0	≥ 3.25	≥ 3.5	≥ 3.75
NO. CEILING	42.5	45.3	45.3	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2000	46.6	50.0	50.5	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1800	46.6	50.0	50.5	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1600	46.6	50.0	50.5	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1400	47.3	50.9	51.9	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 1200	48.3	52.0	52.0	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 1000	50.7	54.7	55.2	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 900	50.9	55.0	55.6	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 800	51.7	55.9	56.9	57.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 700	51.9	56.0	57.1	57.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 600	52.7	57.0	58.2	58.6	59.7	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 500	53.2	57.9	59.4	59.8	60.9	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 450	53.3	58.7	60.2	60.6	61.7	61.8	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 400	55.9	61.2	62.6	63.2	64.2	64.5	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 350	56.6	62.4	64.1	64.7	65.7	66.0	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 300	58.2	64.5	66.4	67.1	68.4	68.8	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 250	59.8	66.4	68.3	69.1	70.4	71.0	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 200	60.9	68.0	70.0	71.0	72.6	73.3	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.5
≥ 180	61.2	68.3	70.4	71.4	73.0	73.7	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.9	75.0
≥ 150	61.8	69.2	71.5	72.4	74.1	74.7	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.1	76.2
≥ 120	62.4	70.6	73.4	74.5	76.1	76.7	77.8	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.8
≥ 100	62.5	70.8	73.8	74.9	76.9	77.6	78.8	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.8	80.0
≥ 90	62.5	71.0	73.9	75.0	77.7	78.4	80.0	80.5	80.6	80.9	80.9	80.9	80.9	80.9	81.0	81.2
≥ 80	62.6	71.2	74.3	75.5	78.8	79.6	81.2	81.9	82.0	82.7	82.8	82.8	82.8	82.8	82.9	83.1
≥ 70	62.6	71.2	74.5	75.7	79.2	80.1	81.9	82.5	82.8	83.6	83.7	83.7	83.7	83.7	83.9	84.0
≥ 60	62.6	71.2	74.5	75.9	80.2	81.2	83.6	84.5	85.1	86.3	86.7	86.7	86.7	86.7	86.8	87.0
≥ 50	62.6	71.2	74.5	76.2	81.5	82.4	84.8	85.8	86.3	87.6	88.2	88.2	88.2	88.2	88.4	88.6
≥ 40	62.6	71.2	74.5	76.2	81.9	82.9	85.5	86.6	87.4	89.0	89.8	89.8	89.8	90.1	90.3	90.5
≥ 30	62.6	71.2	74.6	76.3	82.3	83.6	86.4	87.6	89.0	90.9	92.1	92.1	92.1	92.6	93.0	93.1
≥ 20	62.6	71.2	74.6	76.5	82.4	83.9	87.0	88.6	90.3	92.3	94.0	94.1	94.1	95.3	95.7	96.1
≥ 10	62.6	71.2	74.6	76.5	82.4	83.9	87.1	88.7	90.6	92.7	94.8	94.9	94.9	96.2	96.9	97.8
≥ 0	62.6	71.2	74.6	76.5	82.4	83.9	87.1	88.7	90.6	92.7	94.8	95.0	95.0	96.4	97.0	98.0

TOTAL NUMBER OF OBSERVATIONS 7

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

DANFORTH INTERNATIONAL

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	41.9	42.5	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2000	46.1	46.8	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1800	46.1	46.8	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1600	46.1	46.8	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 1400	47.2	47.8	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 1200	48.1	48.8	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 1000	50.5	51.2	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 900	50.5	51.2	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 800	52.6	53.6	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 700	53.1	54.2	55.0	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 600	53.9	55.0	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 500	55.1	56.5	57.3	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 450	55.5	56.9	57.7	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 400	59.2	60.1	61.0	61.3	61.7	62.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 350	60.6	62.8	63.8	64.1	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 300	62.1	65.6	66.5	67.1	67.5	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 250	64.5	67.5	68.7	69.0	69.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 200	67.1	70.3	71.6	72.0	72.7	73.5	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 150	67.3	70.7	72.0	72.6	73.4	74.2	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 100	69.0	72.4	73.8	74.7	75.7	76.7	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 70	69.2	73.0	74.5	75.4	76.7	77.8	78.2	78.2	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 50	69.5	73.9	75.9	76.9	78.5	79.7	80.5	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 40	69.5	74.1	76.1	77.0	78.9	80.1	81.0	81.2	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 30	70.2	75.0	77.3	78.6	80.6	82.0	83.1	83.2	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 20	70.2	75.1	78.0	79.7	82.7	84.1	85.3	85.6	86.4	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10	70.3	75.4	78.5	80.6	84.0	85.6	87.1	87.5	88.6	89.5	89.8	89.8	89.8	89.8	89.8	89.8
≥ 500	70.3	75.4	78.8	81.2	84.9	86.9	88.4	88.8	90.1	91.3	91.5	91.7	91.9	92.1	92.1	92.1
≥ 400	70.3	75.4	78.8	81.3	85.3	87.8	89.7	90.2	91.7	92.9	93.1	93.5	93.8	94.0	94.0	94.0
≥ 300	70.4	75.5	78.9	81.5	85.9	88.8	91.0	91.5	93.4	94.8	95.4	95.8	96.4	96.5	96.5	96.5
≥ 200	70.4	75.5	78.9	81.5	85.9	89.0	91.1	91.8	94.0	95.4	96.6	97.0	98.4	98.7	98.9	98.9
≥ 100	70.4	75.5	78.9	81.5	85.9	89.0	91.1	91.8	94.0	95.4	96.6	97.2	98.7	98.9	99.5	99.9
≥ 0	70.4	75.5	78.9	81.5	85.9	89.0	91.1	91.8	94.0	95.4	96.6	97.2	98.7	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1212-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NOT REPORTED	40.1	40.1	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2000	45.2	45.3	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1800	45.3	45.4	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 1600	45.7	45.8	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 1400	47.7	47.2	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 1200	48.7	48.1	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 1000	49.7	49.9	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 900	50.3	50.4	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 800	52.3	52.7	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 700	53.4	54.0	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 600	55.2	55.9	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 500	56.9	57.9	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 450	57.4	58.5	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 400	60.3	61.6	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 350	63.8	65.2	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 300	66.8	68.5	69.4	69.4	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 250	69.9	71.8	72.6	72.7	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 200	72.7	75.0	75.8	75.9	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6
≥ 180	74.2	76.6	77.6	77.7	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 150	75.7	78.6	79.6	79.7	81.0	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 120	76.5	80.2	81.3	81.5	83.1	83.1	83.6	83.6	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 100	77.0	81.0	82.1	82.3	84.1	84.1	84.7	84.7	84.9	84.9	84.9	85.1	85.1	85.2	85.2
≥ 90	77.2	81.2	82.5	82.9	85.1	85.1	85.9	86.0	86.3	86.3	86.3	86.4	86.4	86.6	86.6
≥ 80	77.3	81.5	82.9	83.5	86.4	86.6	87.6	88.2	88.6	88.8	89.0	89.0	89.1	89.1	89.1
≥ 70	77.4	81.7	83.6	84.1	87.4	87.8	89.0	89.7	90.2	90.5	90.7	90.7	90.9	90.9	90.9
≥ 60	77.6	82.3	84.1	84.9	88.7	89.7	91.3	91.9	92.5	93.0	93.4	93.4	93.5	93.5	93.5
≥ 50	77.6	82.3	84.3	85.3	89.5	90.6	92.2	92.9	93.5	94.5	94.9	94.9	95.3	95.3	95.3
≥ 40	77.6	82.3	84.3	85.3	90.1	91.1	93.0	94.0	94.8	95.7	96.1	96.1	96.5	96.5	96.5
≥ 30	77.7	82.4	84.4	85.5	90.3	91.4	93.7	94.9	95.8	96.8	97.6	97.6	98.4	98.4	98.8
≥ 20	77.7	82.4	84.4	85.5	90.6	91.7	94.0	95.2	96.1	97.0	97.8	97.8	98.8	98.8	99.1
≥ 10	77.7	82.4	84.4	85.5	90.6	91.7	94.0	95.2	96.1	97.4	98.3	98.3	99.3	99.5	99.7
≥ 0	77.7	82.4	84.4	85.5	90.6	91.7	94.0	95.2	96.1	97.4	98.3	98.3	99.3	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH  
1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO. CEILING ≥ 20000	41.7	41.9	42.2	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 18000 ≥ 16000	46.4	46.6	46.9	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000 ≥ 12000	46.6	46.9	47.2	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 10000 ≥ 9000	47.4	47.7	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000 ≥ 7000	48.5	48.8	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 6000 ≥ 5000	50.7	51.1	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4500 ≥ 4000	51.5	51.9	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 3500 ≥ 3000	54.4	55.2	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 2500 ≥ 2000	55.6	56.5	56.7	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1800 ≥ 1500	56.2	57.0	57.3	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1200 ≥ 1000	57.2	59.3	59.5	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 900 ≥ 800	59.7	61.0	61.3	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 700 ≥ 600	62.6	64.1	64.4	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 500 ≥ 400	67.1	68.8	69.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 300 ≥ 200	69.9	71.8	72.0	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 100 ≥ 0	73.5	75.8	76.1	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 0	75.5	78.2	78.6	79.0	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 0	75.8	78.5	79.9	79.3	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 0	76.2	79.0	79.6	80.0	80.9	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 0	76.9	80.1	81.2	81.9	83.5	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
≥ 0	77.7	81.3	83.1	83.9	85.6	86.3	86.7	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.2	87.2
≥ 0	77.7	81.3	83.5	84.3	86.3	87.0	87.5	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 0	77.8	81.5	83.6	84.5	86.6	87.5	88.2	88.3	88.7	89.1	89.4	89.4	89.4	89.4	89.5	89.5
≥ 0	78.2	82.1	84.4	85.3	88.0	88.7	89.7	89.9	90.6	91.0	91.3	91.3	91.3	91.3	91.4	91.4
≥ 0	78.2	82.3	84.7	85.6	88.7	89.8	91.3	92.1	93.0	93.5	93.8	94.0	94.0	94.0	94.1	94.1
≥ 0	78.2	82.3	84.7	85.8	89.0	90.1	92.2	93.1	94.4	95.2	95.4	95.6	95.8	95.8	96.1	96.1
≥ 0	78.2	82.3	84.7	85.9	89.2	90.6	93.3	94.4	95.8	96.6	96.9	97.0	97.3	97.3	97.6	97.6
≥ 0	78.2	82.3	84.7	85.9	89.5	91.0	94.1	95.3	96.8	97.6	98.0	98.1	98.7	98.7	98.9	98.9
≥ 0	78.2	82.3	84.7	85.9	89.5	91.0	94.1	95.3	96.8	97.6	98.0	98.3	99.2	99.2	99.6	99.6
≥ 0	78.2	82.3	84.7	85.9	89.5	91.0	94.1	95.3	96.8	97.6	98.0	98.4	99.3	99.5	99.9	99.9
≥ 0	78.2	82.3	84.7	85.9	89.5	91.0	94.1	95.3	96.8	97.6	98.0	98.4	99.3	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 12	≥ 15	≥ 20
NO CEILING ≥ 2000	16.7	48.0	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 1800 ≥ 1600	16.7	51.1	51.3	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 1400 ≥ 1200	17.1	51.2	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1000 ≥ 900	17.1	51.5	51.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 800 ≥ 700	17.5	52.8	53.1	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 600 ≥ 500	17.9	53.6	53.9	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 450 ≥ 400	18.8	55.1	55.4	55.8	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 350 ≥ 300	18.8	55.4	55.6	56.0	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 250 ≥ 200	19.2	57.8	58.1	58.5	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 180 ≥ 150	19.4	59.5	59.8	60.2	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 120 ≥ 100	19.5	60.6	60.9	61.4	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 90 ≥ 80	19.6	62.0	62.2	62.8	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 70 ≥ 60	19.8	63.7	64.0	64.5	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 50 ≥ 40	21.0	67.9	68.5	69.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 30 ≥ 20	21.5	70.3	71.0	71.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 15 ≥ 10	22.2	74.1	75.0	75.8	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8 ≥ 6	22.6	75.9	76.9	77.8	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4 ≥ 3	23.3	78.5	79.4	80.5	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2 ≥ 1.5	23.3	79.0	80.0	81.5	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1.2 ≥ 1.0	23.3	79.4	80.5	82.4	84.1	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 0.9 ≥ 0.8	23.3	79.7	80.9	83.2	85.3	85.6	85.6	85.6	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 0.7 ≥ 0.6	23.4	80.1	81.7	84.1	86.3	86.6	86.6	86.6	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 0.5 ≥ 0.4	23.4	80.4	82.0	84.5	86.7	87.1	87.2	87.2	87.6	88.0	88.3	88.3	88.3	88.3	88.3	88.3
≥ 0.3 ≥ 0.2	23.4	80.6	82.3	84.9	87.2	87.6	87.6	87.6	88.2	88.7	89.0	89.0	89.0	89.0	89.0	89.0
≥ 0.1 ≥ 0.0	23.4	80.6	82.5	85.6	88.2	88.6	88.6	88.6	89.2	90.1	90.3	90.3	90.3	90.3	90.3	90.3
≥ 0.05 ≥ 0.0	23.4	80.8	83.1	86.6	89.7	90.3	90.3	90.3	91.3	92.1	92.5	92.5	92.5	92.5	92.5	92.5
≥ 0.02 ≥ 0.0	23.4	80.8	83.1	86.7	89.9	90.9	90.9	90.9	92.1	92.6	93.8	94.2	94.2	94.2	94.4	94.5
≥ 0.01 ≥ 0.0	23.4	80.8	83.2	87.0	90.7	91.7	91.7	91.7	93.0	93.5	95.0	95.4	95.6	95.6	95.8	95.8
≥ 0.005 ≥ 0.0	23.4	80.8	83.2	87.1	90.9	91.9	91.9	91.9	93.7	94.5	96.8	97.4	98.1	98.1	98.5	98.7
≥ 0.002 ≥ 0.0	23.4	80.8	83.2	87.1	90.9	91.9	91.9	91.9	93.7	94.5	96.9	97.6	98.3	98.3	98.9	99.1
≥ 0.001 ≥ 0.0	23.4	80.8	83.2	87.1	90.9	91.9	91.9	91.9	93.7	94.5	96.9	97.6	98.3	98.3	98.9	99.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
MONTH  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000		47.8	48.2	48.3	48.5	48.7	48.7	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	49.0
≥ 18000 ≥ 16000		51.5	52.0	52.1	52.2	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.8
≥ 14000 ≥ 12000		51.5	52.0	52.1	52.2	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.8
≥ 10000 ≥ 8000		52.2	52.6	52.8	52.9	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4
≥ 6000 ≥ 4000		52.4	52.8	52.9	53.0	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.6
≥ 3000 ≥ 2000		53.0	53.4	53.6	54.0	54.2	54.2	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.6
≥ 1800 ≥ 1600		53.2	53.6	53.7	54.1	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.8
≥ 1400 ≥ 1200	.1	55.9	56.3	56.4	56.8	57.1	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.5
≥ 1000 ≥ 800	.1	56.5	56.9	57.1	57.5	57.7	57.7	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.1
≥ 600 ≥ 400	.1	57.2	57.6	57.7	58.1	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.8
≥ 300 ≥ 200	.3	61.0	61.4	61.5	61.9	62.2	62.2	62.2	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.9
≥ 180 ≥ 160	.3	63.5	63.9	64.1	64.5	64.7	64.7	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 140 ≥ 120	.3	66.5	67.3	67.6	68.0	68.2	68.2	68.2	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 100 ≥ 80	.3	68.6	69.6	70.1	70.5	70.8	70.8	70.8	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.5
≥ 60 ≥ 40	.3	72.3	73.4	74.3	74.7	75.0	75.0	75.0	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 30 ≥ 20	.3	73.4	74.6	75.6	76.2	76.6	76.6	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.3
≥ 18 ≥ 16	.3	76.0	77.5	78.6	79.8	80.2	80.3	80.3	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 14 ≥ 12	.3	76.6	78.1	79.1	80.5	80.9	81.0	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	82.0
≥ 10 ≥ 8	.3	77.5	79.1	80.3	81.8	82.2	82.5	82.5	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.4
≥ 6 ≥ 4	.3	78.7	80.5	82.5	84.3	85.1	85.3	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 3 ≥ 2	.3	78.9	80.9	82.9	84.7	85.5	85.7	85.9	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 180 ≥ 160	.3	79.1	81.3	83.7	85.9	86.7	87.1	87.2	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.2
≥ 140 ≥ 120	.3	79.1	81.4	84.1	86.4	87.2	87.6	88.0	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 100 ≥ 80	.3	79.4	81.8	85.1	87.5	88.3	88.7	89.1	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 60 ≥ 40	.3	79.5	82.1	85.5	88.4	89.5	90.0	90.6	91.5	92.2	92.2	92.2	92.2	92.3	92.3	92.5
≥ 30 ≥ 20	.3	79.5	82.1	86.3	89.4	90.6	91.3	91.8	92.7	93.5	93.5	93.5	93.5	93.9	93.9	94.1
≥ 18 ≥ 16	.3	79.7	82.2	86.5	89.8	91.7	92.7	93.4	94.3	95.2	95.2	95.2	95.2	95.6	95.6	95.7
≥ 14 ≥ 12	.3	79.7	82.2	86.8	90.2	92.1	93.5	94.6	96.0	97.2	97.2	97.2	97.2	98.1	98.1	98.4
≥ 10 ≥ 8	.3	79.7	82.2	86.8	90.2	92.1	93.5	94.6	96.0	97.3	97.3	97.3	97.3	98.7	98.7	99.3
≥ 6 ≥ 4	.3	79.7	82.2	86.8	90.2	92.1	93.5	94.6	96.0	97.4	97.4	97.4	97.4	98.9	98.9	99.3

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14681  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

VAP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	22.5	45.0	45.4	45.7	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 2000	25.2	48.9	49.3	49.6	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1800	25.3	48.9	49.4	49.7	49.8	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1600	25.3	49.0	49.5	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1
≥ 1400	25.9	49.9	50.3	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0
≥ 1200	26.4	50.6	51.0	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
≥ 1000	27.6	52.5	52.9	53.3	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 900	27.8	52.8	53.2	53.5	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 800	28.9	55.1	55.6	55.9	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 700	29.3	55.8	56.3	56.7	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 600	29.8	56.9	57.4	57.8	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 500	30.5	59.0	59.6	60.0	60.5	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 4500	30.9	60.4	60.9	61.3	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
≥ 4000	32.4	63.9	64.3	64.7	65.2	65.3	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500	33.9	66.0	66.8	67.3	67.8	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 3000	35.1	68.7	69.7	70.3	70.9	71.1	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 2500	36.4	71.1	72.1	72.8	73.5	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 2000	37.6	73.5	74.7	75.5	76.5	76.8	77.1	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 1800	37.8	74.1	75.3	76.2	77.3	77.6	77.9	77.9	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3
≥ 1500	38.4	75.3	76.6	77.6	78.9	79.3	79.6	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.1
≥ 1200	38.6	76.5	78.0	79.3	81.0	81.5	82.0	82.1	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6
≥ 1000	38.9	77.1	78.9	80.2	82.1	82.6	83.3	83.5	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.2
≥ 900	38.9	77.3	79.2	80.7	82.8	83.4	84.3	84.5	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.2
≥ 800	39.0	77.6	79.6	81.3	83.7	84.4	85.4	85.7	86.2	86.5	86.6	86.6	86.6	86.7	86.7	86.7
≥ 700	39.1	77.8	80.0	82.0	84.7	85.5	86.7	87.0	87.6	88.0	88.1	88.1	88.2	88.2	88.2	88.3
≥ 600	39.1	78.0	80.4	82.7	86.1	87.1	88.5	89.1	89.9	90.5	90.7	90.7	90.8	90.8	90.8	90.9
≥ 500	39.1	78.0	80.5	83.0	86.8	87.9	89.6	90.2	91.2	92.0	92.2	92.2	92.5	92.6	92.6	92.7
≥ 400	39.1	78.0	80.6	83.3	87.3	88.7	90.7	91.4	92.6	93.5	93.8	93.8	94.2	94.3	94.4	94.4
≥ 300	39.2	78.0	80.6	83.3	87.5	89.0	91.4	92.3	93.8	94.8	95.3	95.4	96.0	96.1	96.2	96.3
≥ 200	39.2	78.0	80.6	83.4	87.6	89.2	91.6	92.8	94.4	95.5	96.3	96.4	97.5	97.6	97.8	98.0
≥ 100	39.2	78.0	80.6	83.4	87.6	89.2	91.7	92.8	94.5	95.8	96.6	96.8	98.2	98.4	98.9	99.4
≥ 0	39.2	78.0	80.6	83.4	87.6	89.2	91.7	92.8	94.5	95.8	96.6	96.8	98.2	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5951



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14681

BANGOR INTERNATIONAL

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO RECORDING	.6	51.9	52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 29000	.6	55.7	56.7	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	.6	55.7	56.0	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	.6	55.7	56.0	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	.6	56.0	56.3	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	.6	56.5	56.8	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	.6	58.1	58.3	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	.6	58.3	58.6	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 8000	.6	59.3	59.6	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	.6	60.4	60.8	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 6000	.6	62.2	62.6	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	.6	65.0	65.6	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	.6	66.3	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4000	.6	68.3	69.3	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	.6	70.8	71.9	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	.6	72.4	73.5	74.2	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500	.6	73.9	75.0	76.0	76.8	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	.6	76.1	77.2	78.6	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	.6	76.3	77.4	78.9	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	.6	76.5	77.6	79.3	80.3	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1200	.6	77.6	79.2	81.4	82.6	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	.6	78.3	79.9	82.2	83.9	84.0	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 900	.6	78.6	80.4	83.3	85.0	85.1	85.7	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 800	.6	78.6	80.7	84.2	85.8	86.0	86.5	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	.6	78.9	81.0	84.7	86.9	87.2	87.9	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 600	.6	79.3	81.5	85.3	87.8	88.9	89.6	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 500	.6	79.7	81.9	85.8	88.6	89.7	90.6	90.7	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 400	.6	80.1	82.4	86.5	89.3	90.7	92.2	92.5	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 300	.6	80.1	82.4	86.8	89.9	91.4	93.9	94.4	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 200	.6	80.1	82.4	86.8	89.9	91.4	94.3	95.0	96.4	96.8	96.9	97.1	97.2	97.2	97.6	97.6
≥ 100	.6	80.1	82.4	86.8	89.9	91.4	94.3	95.0	96.4	96.8	97.1	97.4	98.2	98.2	98.8	98.9
≥ 0	.6	80.1	82.4	86.8	89.9	91.4	94.3	95.0	96.4	96.8	97.1	97.4	98.2	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14001

BANGOR INTERNATIONAL

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	13.2	48.9	49.4	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.4
≥ 18000	14.2	54.4	55.0	55.7	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.3
≥ 16000	14.2	54.4	55.0	55.7	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.3
≥ 14000	14.2	54.4	55.0	55.7	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.3
≥ 12000	14.2	54.4	55.0	55.7	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.3
≥ 10000	15.1	56.5	57.1	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.5
≥ 9000	15.3	56.9	57.5	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.9
≥ 8000	16.0	58.8	59.3	60.1	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.9
≥ 7000	16.1	60.0	60.4	61.4	61.5	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.1
≥ 6000	16.8	61.4	61.9	62.8	62.9	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.5
≥ 5000	17.2	63.6	64.2	65.1	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8
≥ 4500	17.4	64.6	65.3	66.7	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.5
≥ 4000	17.6	66.4	67.2	68.6	68.8	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4
≥ 3500	17.9	68.3	69.6	71.0	71.1	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9
≥ 3000	18.1	69.7	71.4	72.8	72.9	73.2	73.6	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0
≥ 2500	18.2	71.4	73.2	74.7	74.9	75.1	75.6	75.7	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.1
≥ 2000	18.3	73.2	75.0	76.9	77.2	77.6	78.1	78.2	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.6
≥ 1800	18.5	73.5	75.3	77.4	77.6	78.1	78.5	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0
≥ 1500	18.6	74.0	76.0	78.3	78.6	79.0	79.6	79.7	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.1
≥ 1200	18.8	75.1	77.1	79.7	80.1	80.6	81.3	81.4	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.8
≥ 1000	18.8	75.1	77.1	79.9	80.6	81.1	81.8	81.9	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.4
≥ 900	18.8	75.3	77.4	80.1	81.0	81.5	82.2	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.8
≥ 800	18.8	75.8	77.9	81.3	82.2	82.9	83.6	83.9	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.3
≥ 700	18.8	76.1	79.3	82.4	83.8	84.4	85.3	85.7	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.1
≥ 600	18.9	76.3	78.6	83.1	84.9	85.8	86.9	87.6	87.8	87.9	87.9	87.9	88.1	88.2	88.2	88.3
≥ 500	18.9	76.4	79.3	84.2	86.3	87.2	88.9	89.9	90.1	90.7	90.7	90.8	91.0	91.0	91.0	91.1
≥ 400	18.9	76.5	79.4	84.7	86.9	88.1	90.3	91.4	91.8	92.4	92.4	92.5	92.6	92.6	92.6	92.8
≥ 300	18.9	76.5	79.4	84.9	87.5	88.8	91.8	92.9	93.5	94.3	94.3	94.3	94.4	94.9	94.9	95.0
≥ 200	18.9	76.5	79.4	84.9	87.5	88.9	91.9	93.2	94.3	95.4	95.4	95.4	96.0	96.3	96.7	96.9
≥ 100	18.9	76.5	79.4	84.9	87.5	88.9	91.9	93.2	94.3	95.4	95.4	95.4	96.1	96.4	97.6	98.6
≥ 0	18.9	76.5	79.4	84.9	87.5	88.9	91.9	93.2	94.3	95.4	95.4	95.4	96.1	96.5	98.1	99.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

APC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	46.1	47.9	47.9	48.1	48.1	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	49.9	52.5	52.5	52.6	52.6	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	50.0	52.6	52.6	52.8	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	50.0	52.6	52.6	52.8	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	50.1	52.8	52.8	53.1	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	50.8	53.5	53.5	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 10000	54.0	56.8	56.8	57.4	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	54.6	57.4	57.4	57.9	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	56.1	59.4	59.4	60.0	60.0	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 7000	57.2	60.7	60.8	61.5	61.5	61.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 6000	58.8	62.2	62.4	63.1	63.1	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 5000	59.7	63.5	63.8	64.4	64.4	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4500	60.6	64.3	64.6	65.4	65.4	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4000	61.9	66.0	66.4	67.2	67.2	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3500	64.2	68.9	69.3	70.1	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	65.6	70.6	71.3	72.1	72.1	72.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	66.7	72.1	72.9	73.8	74.2	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2000	67.9	73.5	74.4	75.1	75.6	75.7	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1800	67.9	73.5	74.4	75.1	75.7	76.1	76.3	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500	68.2	73.8	74.9	76.1	76.7	76.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	68.8	75.0	76.3	77.6	78.2	78.5	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1000	68.9	75.1	76.4	78.1	78.6	78.9	80.0	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 900	68.9	75.6	76.8	78.8	79.4	79.7	80.8	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 800	68.9	75.7	77.1	79.3	80.1	80.8	82.4	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 700	69.0	76.0	77.6	80.4	81.8	82.6	84.2	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 600	69.0	76.4	78.1	81.0	82.9	83.9	85.6	86.1	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 500	69.2	76.8	78.8	81.9	84.2	85.8	87.8	88.3	88.8	89.4	89.6	89.7	89.7	89.7	89.7	89.7
≥ 400	69.2	76.8	78.8	82.2	85.0	87.1	89.4	90.0	91.0	91.8	91.9	92.1	92.2	92.2	92.2	92.2
≥ 300	69.2	76.9	78.9	82.4	85.3	87.5	90.6	91.3	92.4	94.2	94.4	94.7	94.9	95.0	95.1	95.1
≥ 200	69.2	76.9	78.9	82.4	85.3	87.5	90.6	91.3	93.1	95.4	95.8	96.3	96.4	96.5	96.7	96.8
≥ 100	69.2	76.9	78.9	82.4	85.3	87.5	90.6	91.3	93.1	95.6	96.3	96.8	97.4	97.8	98.2	99.2
≥ 0	69.2	76.9	78.9	82.4	85.3	87.5	90.6	91.3	93.1	95.6	96.3	96.8	97.4	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14001  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	40.3	40.8	47.9	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 18000 ≥ 16000	44.4	45.3	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000 ≥ 12000	44.7	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 10000 ≥ 9000	45.0	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 8000 ≥ 7000	45.8	46.8	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 6000 ≥ 5000	46.3	47.2	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 4500 ≥ 4000	47.9	49.3	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 3500 ≥ 3000	48.6	50.0	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 2500 ≥ 2000	51.3	52.6	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 1800 ≥ 1500	52.5	53.9	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 1200 ≥ 1000	53.6	55.4	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 900 ≥ 800	55.7	57.9	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 700 ≥ 600	56.5	58.9	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 500 ≥ 400	61.5	64.0	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 300 ≥ 200	64.0	66.5	66.9	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 100 ≥ 0	68.2	71.1	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 0	69.4	72.4	72.8	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 0	70.8	74.6	75.1	75.3	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 0	71.7	75.7	76.3	76.4	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 0	73.6	78.2	78.8	78.9	79.4	79.6	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 0	74.7	79.3	79.9	80.0	80.7	80.8	81.1	81.3	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 0	75.6	80.3	80.8	81.1	82.1	82.5	82.9	83.1	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 0	75.7	80.4	81.1	81.4	82.6	83.1	83.8	83.9	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 0	75.8	81.0	82.1	82.5	83.8	84.2	85.0	85.3	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 0	75.8	81.1	82.5	83.3	85.0	85.6	86.9	87.5	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 0	76.1	81.8	83.5	84.9	87.1	88.2	89.7	90.7	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8
≥ 0	76.1	81.9	84.0	86.0	88.5	90.4	92.1	93.3	94.2	94.9	94.9	95.0	95.0	95.0	95.0	95.0
≥ 0	76.1	82.1	84.3	86.5	89.3	91.4	93.2	94.6	95.4	96.1	96.1	96.3	96.3	96.3	96.3	96.3
≥ 0	76.1	82.1	84.3	86.8	89.7	91.9	94.2	95.7	97.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6
≥ 0	76.1	82.1	84.3	86.8	89.7	91.9	94.2	96.0	97.4	98.8	98.9	99.2	99.4	99.6	99.6	99.6
≥ 0	76.1	82.1	84.3	86.8	89.7	91.9	94.2	96.0	97.4	98.8	98.9	99.2	99.6	99.9	99.9	100.0
≥ 0	76.1	82.1	84.3	86.8	89.7	91.9	94.2	96.0	97.4	98.8	98.9	99.2	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14501  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	35.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 18000	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 16000	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 14000	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 12000	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 10000	43.3	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 9000	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 8000	45.8	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 7000	47.4	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 6000	49.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 5000	55.0	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 4500	56.9	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	62.5	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 3500	65.7	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3000	69.3	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 2500	70.7	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2000	73.8	76.4	76.8	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1800	74.6	77.4	77.8	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1500	75.3	78.5	78.9	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	76.5	79.9	80.6	81.1	81.7	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	77.5	81.8	82.6	83.2	84.4	85.0	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 900	78.2	82.8	83.6	84.7	86.3	86.8	86.9	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 800	78.6	83.5	84.4	85.7	87.4	87.9	88.2	88.3	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥ 700	78.6	83.5	84.6	86.0	88.2	89.0	89.9	90.1	90.8	91.1	91.4	91.5	91.5	91.5	91.5	91.5
≥ 600	78.6	84.2	85.7	87.4	90.1	91.4	92.5	92.9	93.8	94.0	94.4	94.6	94.7	94.7	94.7	94.7
≥ 500	78.6	84.2	85.7	87.4	90.1	92.4	93.5	93.9	95.0	95.4	95.8	96.0	96.1	96.1	96.1	96.1
≥ 400	78.6	84.2	85.8	87.8	91.1	93.6	94.9	95.3	96.4	96.8	97.4	97.5	97.6	97.6	97.6	97.6
≥ 300	78.6	84.2	85.8	87.8	91.4	93.9	95.1	95.7	97.1	97.8	98.3	98.5	98.8	98.9	98.9	98.9
≥ 200	78.6	84.2	85.8	87.8	91.4	93.9	95.1	95.8	97.4	98.1	98.6	98.8	99.2	99.4	99.4	99.4
≥ 100	78.6	84.2	85.8	87.8	91.4	93.9	95.1	95.8	97.4	98.1	98.6	98.8	99.3	99.6	99.6	99.6
≥ 0	78.6	84.2	85.8	87.8	91.4	93.9	95.1	95.8	97.4	98.1	98.6	98.8	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFC WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14801  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
MONTH  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	36.3	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 18000 N	41.6	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000 N	41.6	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000 N	42.3	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 12000 N	42.7	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 10000 N	44.6	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 9000 N	44.9	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 8000 N	47.7	49.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 7000 N	48.8	50.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 6000 N	52.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 5000 N	59.7	61.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500 N	62.6	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000 N	66.1	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3500 N	68.6	70.8	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000 N	71.2	73.7	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2500 N	72.9	75.5	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000 N	74.1	77.3	78.2	78.4	78.6	78.7	78.7	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1800 N	75.5	78.7	79.6	79.8	80.0	80.1	80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1500 N	76.1	79.6	80.4	80.7	80.8	80.9	81.1	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1200 N	77.5	81.6	82.5	83.0	83.2	83.6	83.9	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1000 N	77.6	82.1	83.2	84.0	84.4	85.0	85.4	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 900 N	78.2	82.8	84.0	84.8	85.5	86.4	86.9	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800 N	78.3	83.0	84.7	85.8	86.6	87.8	88.3	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700 N	78.6	83.4	85.3	86.6	87.6	88.9	89.8	90.7	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2
≥ 600 N	78.7	84.1	86.2	87.9	89.2	90.4	91.7	92.5	92.9	93.3	93.5	93.7	93.7	93.7	93.7	93.7
≥ 500 N	78.7	84.4	86.8	88.7	90.1	91.8	93.2	94.0	94.7	95.4	95.5	96.1	96.1	96.1	96.1	96.1
≥ 400 N	78.7	84.4	87.1	89.0	90.4	92.1	93.9	95.1	96.0	96.7	96.8	97.4	97.5	97.5	97.5	97.5
≥ 300 N	78.7	84.4	87.1	89.0	90.4	92.1	93.9	95.3	96.4	97.1	97.2	97.8	97.9	98.1	98.1	98.1
≥ 200 N	78.7	84.4	87.1	89.0	90.4	92.2	94.2	95.5	96.7	97.4	97.8	98.5	98.7	98.9	99.0	99.0
≥ 100 N	78.7	84.4	87.1	89.0	90.4	92.2	94.2	95.5	96.7	97.5	98.1	98.7	99.0	99.3	99.4	99.7
≥ 0 N	78.7	84.4	87.1	89.0	90.4	92.2	94.2	95.5	96.7	97.5	98.1	98.7	99.0	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14651

BANGOR INTERNATIONAL

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1950-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	18.3	43.6	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 2000	21.3	48.3	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1800	21.3	48.5	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 1600	21.3	48.5	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 1400	21.7	49.3	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1200	21.8	50.1	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 1000	22.5	51.8	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 900	22.9	52.2	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 800	24.7	55.6	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 700	24.9	56.1	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 600	26.4	60.1	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 500	28.1	63.5	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 450	29.2	65.4	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 400	30.7	69.6	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 350	31.4	71.7	73.5	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 300	31.9	73.2	75.0	75.6	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 250	32.6	75.3	77.1	77.6	77.8	77.8	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 200	33.3	76.3	78.2	78.9	79.0	79.2	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 180	33.5	77.1	79.0	79.7	79.9	80.0	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 150	33.6	77.6	79.7	80.6	80.8	81.0	81.1	81.1	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5
≥ 120	33.9	79.9	82.2	83.2	83.8	84.0	84.2	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 100	33.9	80.4	82.9	84.4	85.1	85.6	85.8	86.1	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 90	33.9	80.8	83.3	85.1	86.1	86.5	86.8	87.1	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 80	33.9	81.3	83.9	86.0	86.9	87.5	87.9	88.3	88.6	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 70	33.9	81.5	84.2	87.1	88.3	89.2	89.7	90.3	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 60	33.9	81.9	84.9	88.3	90.1	91.0	91.5	92.1	92.5	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 50	33.9	81.9	84.9	88.5	90.4	91.5	92.2	92.8	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 40	33.9	81.9	85.1	88.9	91.5	92.6	93.6	94.3	95.0	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 30	33.9	81.9	85.1	88.9	92.1	93.2	94.6	95.3	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 20	33.9	81.9	85.1	88.9	92.1	93.2	94.6	95.6	96.4	97.5	97.9	97.9	98.2	98.2	98.3	98.3
≥ 10	33.9	81.9	85.1	88.9	92.1	93.2	94.6	95.7	96.5	97.6	98.2	98.3	98.6	98.8	99.2	99.2
≥ 0	33.9	81.9	85.1	88.9	92.1	93.2	94.6	95.7	96.5	97.6	98.2	98.3	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 72

SIGNAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

SP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

410-2  
HOURS (L.S.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	20	25	24	23	22 1/2	22	21 1/2	21	20 1/2	20	19 1/2	19	18 1/2	18	17 1/2
NO. ELEV. ≥ 20000	.1	51.0	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	.1	53.8	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	.1	53.8	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	.1	54.2	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	.1	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	.1	56.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	.1	56.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 6000	.1	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 5000	.1	60.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	.1	62.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4000	.1	65.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3500	.1	66.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	.1	69.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	.1	72.1	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	.1	73.6	76.1	76.4	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1800	.1	74.7	77.4	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1500	.1	75.7	78.3	78.8	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1200	.1	76.0	78.6	79.0	79.6	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1000	.1	76.8	79.4	80.0	80.7	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 900	.1	77.3	82.2	83.5	84.6	85.0	85.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 800	.1	79.2	83.5	85.3	86.7	87.1	87.4	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	.1	79.3	83.6	85.4	86.8	87.2	87.6	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 600	.1	79.4	83.9	86.3	88.5	89.0	89.4	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	.1	79.6	84.2	86.9	89.4	90.0	90.4	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 400	.1	80.0	84.9	87.9	90.8	91.7	92.1	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	.1	80.6	85.0	88.2	91.3	92.1	92.6	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 200	.1	80.6	85.7	89.2	92.4	93.8	94.4	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 100	.1	80.6	85.7	89.2	92.4	94.2	95.4	96.3	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	.1	80.6	85.7	89.2	92.4	94.2	95.4	96.3	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



AD-A113 178

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
BANGOR INTERNATIONAL/DOW AFB, MAINE. REVISED UNIFORM SUMMARY OF--ETC(11)  
NOV 81

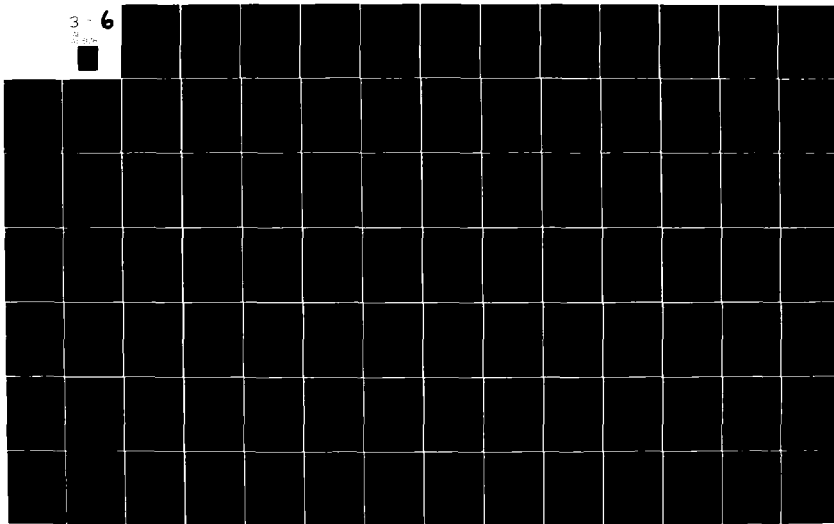
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USAFETAC/DS-81/105

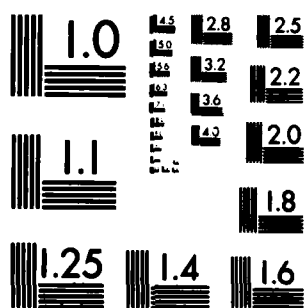
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13178



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	23.8	44.5	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1
≥ 18000	26.4	48.9	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 16000	26.4	49.0	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	26.5	49.1	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8
≥ 12000	27.3	49.7	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5
≥ 10000	27.3	50.3	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 9000	28.5	52.3	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	28.8	52.7	53.1	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 7000	30.3	55.0	55.5	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 6000	30.9	56.2	56.7	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 5000	32.3	58.7	59.2	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4500	34.5	62.1	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	35.5	63.6	64.3	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3500	37.6	67.1	67.9	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
≥ 3000	39.1	69.6	70.5	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2500	40.6	71.9	73.1	73.6	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2000	41.4	73.5	74.7	75.3	75.5	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1800	42.3	75.3	76.6	77.4	77.8	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1600	42.8	76.0	77.3	78.1	78.5	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1400	43.3	76.9	78.2	79.1	79.6	79.9	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1200	43.9	78.3	80.0	81.2	81.9	82.2	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1000	44.1	79.0	80.8	82.3	83.2	83.6	84.1	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 900	44.3	79.5	81.3	83.0	84.1	84.5	85.1	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 800	44.4	79.8	81.6	83.9	85.2	85.8	86.4	86.7	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	44.4	80.0	82.2	84.7	86.4	87.1	88.0	88.4	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 600	44.5	80.5	82.9	85.7	87.9	88.9	89.9	90.5	90.9	91.2	91.3	91.4	91.5	91.5	91.5	91.5
≥ 500	44.5	80.7	83.3	86.3	88.7	90.1	91.4	92.0	92.6	93.1	93.2	93.3	93.4	93.4	93.4	93.4
≥ 400	44.5	80.8	83.6	86.9	89.5	91.2	92.7	93.5	94.3	94.8	94.9	95.1	95.2	95.2	95.2	95.2
≥ 300	44.5	80.8	83.6	87.0	89.8	91.6	93.7	94.5	95.6	96.4	96.5	96.7	96.9	96.9	96.9	96.9
≥ 200	44.5	80.8	83.6	87.0	89.8	91.6	93.8	94.8	96.1	97.1	97.4	97.7	97.9	98.0	98.1	98.2
≥ 100	44.5	80.8	83.6	87.0	89.8	91.6	93.8	94.8	96.1	97.1	97.6	97.9	98.5	98.7	99.0	99.3
≥ 0	44.5	80.8	83.6	87.0	89.8	91.6	93.8	94.8	96.1	97.1	97.6	97.9	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5752

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING ≥ 20000		48.3	49.5	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5
≥ 18000		51.7	53.0	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
≥ 16000		52.0	53.2	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
≥ 14000		52.0	53.2	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
≥ 12000		52.4	53.6	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7
≥ 10000		54.0	55.4	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
≥ 9000		54.7	56.0	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3
≥ 8000		56.6	57.9	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 7000		57.1	58.5	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 6000		58.9	60.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6
≥ 5000		61.8	63.4	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2
≥ 4500		62.2	63.8	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6
≥ 4000		63.6	65.2	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1
≥ 3500		65.1	66.7	68.0	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 3000		66.8	68.5	69.9	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0
≥ 2500		67.9	69.9	71.2	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
≥ 2000		68.3	70.3	71.6	72.3	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 1800		68.4	70.4	71.8	72.4	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
≥ 1500		68.8	70.8	72.3	73.0	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8
≥ 1200		69.8	72.0	73.8	74.6	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 1000		69.9	72.3	74.2	75.0	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 900		70.3	72.7	74.6	75.4	75.8	75.8	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3
≥ 800		71.0	73.4	75.8	76.6	77.0	77.0	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 700		71.8	74.5	77.2	78.5	78.9	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 600		71.8	74.6	77.7	79.0	79.7	80.1	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8
≥ 500		71.9	74.9	79.7	81.5	82.4	83.2	83.5	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
≥ 400		72.0	75.0	80.4	82.9	84.3	85.8	86.3	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5
≥ 300		72.2	75.3	80.6	83.9	85.6	88.0	89.2	90.5	90.9	90.9	90.9	90.9	91.0	91.0	91.1	91.1
≥ 200		72.2	75.3	80.6	84.0	85.8	88.6	90.1	92.1	93.3	93.5	93.5	93.5	93.7	94.1	94.4	94.5
≥ 100		72.2	75.3	80.6	84.0	85.8	88.6	90.7	93.3	95.3	95.7	95.7	95.7	96.8	97.3	98.5	99.1
≥ 0		72.2	75.3	80.6	84.0	85.8	88.6	90.7	93.3	95.3	95.7	95.7	95.7	96.8	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	20.4	44.0	45.6	47.0	47.6	48.0	48.3	48.4	48.4	48.5	48.5	48.5	48.7	48.7	48.8	48.8
≥ 18000 ≥ 15000	21.6	47.8	49.6	51.5	52.0	52.4	52.7	52.8	52.8	53.0	53.0	53.0	53.1	53.1	53.2	53.2
≥ 14000 ≥ 12000	21.9	48.1	49.9	51.7	52.3	52.7	53.0	53.1	53.1	53.2	53.2	53.2	53.4	53.4	53.5	53.5
≥ 10000 ≥ 9000	22.3	48.5	50.4	52.4	53.0	53.4	53.6	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.2	54.2
≥ 8000 ≥ 7000	22.4	48.8	50.8	52.8	53.4	53.8	54.0	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.6	54.6
≥ 6000 ≥ 5000	23.1	50.4	52.4	54.4	55.1	55.5	55.9	56.0	56.0	56.2	56.2	56.2	56.3	56.3	56.5	56.5
≥ 4500 ≥ 4000	23.3	50.8	52.8	54.8	55.5	55.9	56.3	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.9	56.9
≥ 3500 ≥ 3000	24.6	53.0	55.2	57.4	58.3	58.7	59.3	59.4	59.4	59.5	59.5	59.5	59.7	59.7	59.8	59.8
≥ 2500 ≥ 2000	24.7	53.8	56.2	58.6	59.5	59.9	60.5	60.6	60.6	60.8	60.8	60.8	60.9	60.9	61.0	61.0
≥ 1500 ≥ 1000	25.1	55.1	57.5	59.9	60.9	61.4	62.0	62.1	62.1	62.2	62.2	62.2	62.4	62.4	62.5	62.5
≥ 900 ≥ 800	25.5	57.3	59.7	62.4	63.3	63.8	64.4	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.9	64.9
≥ 700 ≥ 600	26.1	58.2	60.6	63.4	64.4	64.9	65.5	65.6	65.6	65.7	65.7	65.7	65.9	65.9	66.0	66.0
≥ 500 ≥ 400	26.1	59.0	61.4	64.2	65.2	65.7	66.3	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.8	66.8
≥ 300 ≥ 200	26.1	59.7	62.1	65.2	66.1	66.7	67.2	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.7	67.7
≥ 100 ≥ 0	26.5	60.9	63.3	66.4	67.3	67.9	68.4	68.5	68.5	68.7	68.7	68.7	68.8	68.8	69.0	69.0
≥ 500 ≥ 400	27.3	62.0	64.8	68.1	69.2	69.8	70.3	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.8	70.8
≥ 300 ≥ 200	27.7	63.4	66.5	69.9	71.1	71.6	72.2	72.3	72.3	72.4	72.4	72.4	72.6	72.6	72.7	72.7
≥ 100 ≥ 0	27.7	63.6	66.7	70.0	71.2	71.8	72.3	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.8	72.8
≥ 500 ≥ 400	27.7	64.2	67.3	70.7	72.0	72.6	73.1	73.3	73.3	73.4	73.4	73.4	73.7	73.7	73.8	73.8
≥ 300 ≥ 200	27.9	64.4	67.5	70.8	72.2	72.7	73.3	73.5	73.5	73.7	73.7	73.7	73.9	73.9	74.1	74.1
≥ 100 ≥ 0	27.8	64.5	67.6	71.1	72.6	73.1	73.7	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.5	74.5
≥ 500 ≥ 400	27.8	64.7	67.7	71.4	73.1	73.8	74.6	74.9	74.9	75.0	75.0	75.0	75.3	75.3	75.4	75.4
≥ 300 ≥ 200	27.8	64.9	68.0	71.8	73.7	74.3	75.1	75.4	75.4	75.5	75.5	75.5	75.8	75.8	75.9	75.9
≥ 100 ≥ 0	28.0	65.3	68.5	72.4	74.3	75.1	76.1	76.3	76.3	76.5	76.5	76.5	76.7	76.7	76.9	76.9
≥ 500 ≥ 400	28.0	65.5	68.8	73.4	75.5	76.6	77.8	78.2	78.2	78.4	78.4	78.4	78.6	78.6	78.8	78.8
≥ 300 ≥ 200	28.0	65.7	69.6	75.4	79.4	81.0	82.9	84.0	84.4	84.5	84.5	84.5	84.8	84.8	84.9	84.9
≥ 100 ≥ 0	28.0	65.9	69.9	75.9	81.3	83.3	87.0	89.7	91.3	92.5	92.7	92.7	93.4	93.7	94.2	94.2
≥ 500 ≥ 400	28.0	65.9	69.9	75.9	81.3	83.3	87.0	89.8	92.1	93.8	94.4	94.5	95.6	95.8	97.6	98.8
≥ 300 ≥ 200	28.0	65.9	69.9	75.9	81.3	83.3	87.0	89.8	92.1	93.8	94.4	94.5	95.6	95.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	39.2	42.5	43.4	44.4	45.0	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6
≥ 18000	43.3	47.4	48.4	49.3	50.1	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9
≥ 16000	44.3	47.6	48.5	49.5	50.3	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.1	51.1	51.1
≥ 14000	44.3	47.6	48.5	49.5	50.3	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.1	51.1	51.1
≥ 12000	44.6	48.3	49.2	50.1	50.9	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7
≥ 10000	45.6	49.2	50.1	51.1	51.9	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7
≥ 8000	47.3	51.1	52.3	53.4	54.2	54.7	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2
≥ 6000	47.6	51.5	52.7	53.8	54.6	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6
≥ 4000	49.9	53.9	55.1	56.2	57.0	57.5	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2
≥ 3000	50.5	55.5	56.7	57.9	58.7	59.3	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9
≥ 2000	51.6	56.6	57.8	59.0	59.8	60.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2
≥ 1500	53.3	59.8	61.2	62.4	63.2	63.7	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5
≥ 1000	54.4	60.3	61.7	62.9	63.7	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1
≥ 800	55.6	61.7	63.2	64.5	65.3	65.9	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
≥ 600	55.8	62.0	63.4	64.8	65.7	66.3	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3
≥ 400	56.5	63.2	64.7	66.0	66.9	67.5	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5
≥ 300	57.9	64.8	66.4	67.9	68.8	69.5	70.0	70.3	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.6
≥ 200	58.7	65.9	67.5	69.0	70.0	70.7	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.8	71.8	71.8
≥ 100	59.1	66.4	68.0	69.5	70.6	71.2	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.3
≥ 50	59.1	67.1	68.7	70.3	71.4	72.0	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥ 30	59.4	68.1	70.2	71.8	73.0	73.7	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.9	74.9	74.9
≥ 20	59.4	68.1	70.3	72.0	73.5	74.2	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4
≥ 10	59.5	68.7	71.0	72.8	74.7	75.4	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.6	76.6	76.6
≥ 5	59.7	69.1	71.4	73.7	75.5	76.2	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 3	59.7	69.2	71.9	74.2	76.7	77.7	78.5	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0
≥ 2	60.1	70.2	73.3	75.9	78.6	80.0	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 1	60.1	70.3	74.2	77.4	80.4	81.7	83.7	84.4	84.4	84.5	84.5	84.5	84.5	84.7	84.7	84.7
≥ 0	60.1	70.4	74.7	79.0	83.2	85.2	87.9	89.0	89.0	89.4	89.4	89.4	89.4	89.5	89.5	89.5
≥ 0	60.1	70.6	74.9	79.7	84.7	87.2	90.7	91.9	92.9	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 0	60.1	70.6	74.9	79.7	85.1	88.0	92.1	94.0	96.0	96.9	97.2	97.3	97.3	97.7	97.7	97.8
≥ 0	60.1	70.6	74.9	79.7	85.1	88.0	92.1	94.0	96.1	97.6	98.1	98.3	98.3	98.8	99.1	99.5
≥ 0	60.1	70.6	74.9	79.7	85.1	88.0	92.1	94.0	96.1	97.6	98.1	98.3	98.3	98.8	99.1	99.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601

EANGOR INTERNATIONAL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	42.6	46.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 2000	45.6	49.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1800	45.6	49.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1600	45.6	49.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1400	46.1	50.1	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 1200	46.6	50.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 1000	49.7	53.9	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 900	50.4	54.6	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 800	52.6	56.7	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 700	53.0	57.5	59.0	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 600	54.0	58.6	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 500	57.4	62.0	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	59.5	64.4	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4000	61.7	66.7	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500	62.6	67.6	69.1	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3000	64.6	69.6	71.2	71.5	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500	66.4	71.5	73.0	73.3	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2000	68.4	73.9	75.5	75.8	75.8	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	68.6	74.6	76.2	76.6	76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1500	69.6	76.1	78.0	78.5	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1200	71.0	77.7	80.1	80.9	81.0	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1000	71.6	79.2	81.7	82.5	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 900	71.6	79.7	82.7	83.6	83.7	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 800	72.0	80.9	84.1	85.1	85.2	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 700	72.2	81.6	85.6	87.0	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 600	72.3	82.4	87.2	89.2	90.6	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	72.3	83.2	88.2	90.5	92.2	93.5	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 400	72.3	83.5	88.4	91.0	93.0	94.5	95.8	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	72.3	83.6	88.6	91.3	93.5	95.4	97.4	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	72.3	83.6	88.6	91.3	93.7	95.7	97.7	98.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	72.3	83.6	88.6	91.3	93.7	95.7	97.7	98.1	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	72.3	83.6	88.6	91.3	93.7	95.7	97.7	98.1	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
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## CEILING VERSUS VISIBILITY

14601  
STATION

DANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ ⅙	≥ ⅓	≥ 0
NO CEILING ≥ 20000	39.8	43.7	44.9	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 18000	43.9	48.3	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 16000	44.0	48.5	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	44.3	48.7	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	44.7	49.1	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000	45.2	49.6	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	46.2	50.7	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 8000	47.1	51.7	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000	49.9	54.8	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 6000	51.7	56.9	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 5000	54.0	59.2	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	59.1	64.3	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	62.3	67.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	65.6	71.2	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	66.5	72.3	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	68.5	74.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	70.4	76.6	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1800	71.9	78.5	79.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1500	72.1	78.9	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	73.6	81.0	82.5	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1000	75.1	83.2	84.9	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	75.5	84.0	85.9	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 800	75.6	84.1	86.0	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	75.8	84.4	86.9	88.0	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 600	75.9	85.3	87.9	89.8	91.7	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	76.2	85.9	89.1	91.7	94.1	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	76.2	86.4	90.3	93.0	95.4	96.1	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	76.2	86.4	90.3	93.1	96.6	97.4	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	76.2	86.4	90.4	93.3	97.3	98.3	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.2	86.4	90.4	93.3	97.3	98.3	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.2	86.4	90.4	93.3	97.3	98.3	99.2	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601 BANGOR INTERNATIONAL

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	37.2	40.3	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 2000	44.2	47.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 1800	44.4	47.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 1600	44.6	48.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 1400	44.9	48.4	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 1200	46.4	50.0	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1000	47.7	51.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 900	48.7	52.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 800	51.5	55.5	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 700	54.8	59.3	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 600	56.5	60.9	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 500	60.5	65.1	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 450	63.2	67.7	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 400	67.3	72.4	74.1	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	69.2	74.7	76.5	76.7	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	71.4	76.9	78.6	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	72.4	78.0	79.8	80.2	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	73.7	79.6	81.5	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	74.1	80.4	82.4	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	75.3	81.6	83.7	84.3	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	76.1	82.7	85.1	86.0	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	76.5	83.3	86.0	87.4	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6
≥ 900	76.7	84.0	86.7	88.3	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 800	76.9	84.1	87.0	88.6	89.9	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 700	77.0	84.7	87.6	89.7	91.3	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5
≥ 600	77.2	85.6	88.6	91.1	93.5	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9
≥ 500	77.2	85.8	89.1	92.1	94.9	95.8	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8
≥ 400	77.4	86.2	89.5	92.6	96.5	97.6	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	77.4	86.2	89.5	92.6	96.9	98.3	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 200	77.4	86.2	89.5	92.6	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	77.4	86.2	89.5	92.6	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0	77.4	86.2	89.5	92.6	96.9	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	29.6	44.3	45.1	45.6	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	34.8	53.1	53.9	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	34.8	53.1	53.9	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	34.8	53.1	53.9	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 14000	35.0	53.6	54.4	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	36.1	55.4	56.2	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	37.2	58.0	59.2	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000	37.6	58.6	59.8	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	38.7	60.2	61.6	62.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	39.9	62.1	63.6	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	40.7	63.6	65.2	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000	43.7	69.3	70.9	71.4	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	43.9	69.5	71.2	71.7	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	44.7	71.2	72.9	73.5	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	45.3	72.8	74.5	75.1	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	46.2	74.0	75.7	76.3	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500	46.9	74.9	76.7	77.4	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	47.3	77.0	78.7	79.4	80.3	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	47.4	77.4	79.2	79.9	80.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	47.4	77.6	79.5	80.5	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1200	47.6	78.0	79.9	81.5	82.7	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	47.8	78.7	80.7	82.5	83.7	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 900	47.8	78.7	80.9	82.7	84.0	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 800	47.8	79.5	82.2	84.6	86.0	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 700	48.0	80.2	83.0	85.4	87.1	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 600	48.0	80.7	83.7	86.4	88.4	88.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 500	48.0	81.1	84.1	87.1	89.2	90.3	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 400	48.0	81.8	84.9	88.4	91.4	92.7	94.5	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 300	48.0	81.8	84.9	88.7	92.2	93.8	96.4	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	48.0	81.8	85.0	88.9	92.5	94.1	97.2	98.0	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	48.0	81.8	85.0	88.9	92.5	94.1	97.2	98.1	98.9	99.5	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0	48.0	81.8	85.0	88.9	92.5	94.1	97.2	98.1	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING ≥ 20000	.7	51.0	52.1	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 18000	.7	53.8	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 16000	.7	53.8	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 14000	.7	54.4	55.6	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 12000	.7	54.9	56.1	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 10000	.7	56.4	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 9000	.7	57.6	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 8000	.7	59.2	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 7000	.7	59.9	61.4	61.6	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 6000	.7	61.1	62.6	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 5000	.7	65.9	67.3	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 4500	.7	66.4	67.9	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 4000	.7	68.4	69.9	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 3500	.7	69.5	71.1	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 3000	.7	71.4	73.2	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 2500	.7	71.5	73.3	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 2000	.7	72.5	74.4	75.3	75.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 1800	.7	72.7	74.6	76.0	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 1600	.7	72.9	74.9	76.5	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 1400	.7	73.1	75.4	77.3	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1200	.7	73.3	75.6	77.6	78.5	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 1000	.7	73.3	75.6	77.6	78.5	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 900	.7	73.3	75.6	78.3	79.4	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 800	.7	73.7	76.5	79.1	80.3	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 700	.7	73.8	76.7	79.9	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 600	.7	73.8	76.9	80.6	82.5	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 500	.7	73.8	76.9	81.2	83.4	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 400	.7	73.8	77.7	82.3	85.4	87.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 300	.7	73.8	77.9	83.7	86.8	89.1	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 200	.7	73.8	77.9	83.1	87.0	89.5	91.9	93.0	93.4	93.9	94.3	94.3	94.3	94.3	94.3	94.3
IV 100	.7	73.8	77.9	83.1	87.0	89.6	92.0	93.4	94.2	95.5	96.6	96.8	97.6	97.8	99.1	99.3
IV 0	.7	73.8	77.9	83.1	87.0	89.6	92.0	93.4	94.2	95.7	96.8	96.9	97.8	98.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671  
STATION

BANGOR INTERNATIONAL  
STATION NAME

74-81  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	26.2	45.1	46.2	46.7	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2
IN 18500 IN 16000	29.3	49.9	51.1	51.6	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2
IN 14000 IN 12000	29.4	50.0	51.2	51.7	52.0	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IN 10000 IN 8000	29.5	50.1	51.3	51.8	52.1	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IN 6000 IN 5000	29.8	50.6	51.7	52.3	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9
IN 4500 IN 4000	30.4	51.4	52.6	53.2	53.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
IN 3500 IN 3000	31.9	53.3	54.6	55.2	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
IN 2500 IN 2000	31.9	54.0	55.4	56.0	56.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IN 1800 IN 1600	33.5	56.2	57.7	58.3	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IN 1400 IN 1200	34.4	57.8	59.3	60.0	60.4	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8
IN 1000 IN 900	35.3	59.2	60.8	61.5	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IN 800 IN 700	37.6	63.2	64.8	65.6	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IN 600 IN 500	38.8	64.5	66.2	67.0	67.4	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IN 400 IN 300	40.3	66.8	68.4	69.3	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2
IN 250 IN 200	40.8	67.9	69.6	70.6	71.0	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
IN 180 IN 160	41.8	69.7	71.4	72.3	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
IN 140 IN 120	42.7	70.9	72.7	73.8	74.3	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9
IN 100 IN 90	43.6	72.4	74.3	75.3	76.0	76.2	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IN 80 IN 70	43.8	72.8	74.7	75.9	76.5	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2
IN 60 IN 50	44.2	73.7	75.7	77.0	77.6	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3
IN 40 IN 30	44.7	74.6	76.9	78.4	79.2	79.5	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
IN 20 IN 10	44.9	75.1	77.5	79.2	80.1	80.4	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
IN 0	45.0	75.4	77.9	79.8	80.9	81.2	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9
IN 0	45.1	76.0	78.7	80.8	82.1	82.6	82.9	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
IN 0	45.2	76.5	79.5	81.9	83.6	84.1	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
IN 0	45.3	77.0	80.3	83.2	85.3	86.1	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
IN 0	45.3	77.3	80.9	84.5	86.8	87.9	88.9	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5
IN 0	45.3	77.5	81.3	85.3	88.6	90.0	91.4	91.9	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
IN 0	45.3	77.5	81.4	85.6	89.5	91.3	93.5	94.2	94.8	95.1	95.1	95.1	95.2	95.2	95.3	95.3
IN 0	45.3	77.5	81.4	85.7	89.7	91.6	94.1	95.2	96.2	96.9	97.1	97.1	97.3	97.3	97.6	97.7
IN 0	45.3	77.5	81.4	85.7	89.7	91.6	94.1	95.4	96.6	97.6	98.0	98.1	98.6	98.7	99.3	99.6
IN 0	45.3	77.5	81.4	85.7	89.7	91.6	94.1	95.4	96.6	97.7	98.0	98.1	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5946

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
NO CEILING	.3	41.8	43.5	46.3	46.9	47.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 2000	.3	43.9	45.6	48.3	49.3	49.4	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1800	.3	43.9	45.6	48.3	49.3	49.4	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1600	.3	43.9	45.6	48.3	49.3	49.4	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1400	.3	44.2	45.8	48.6	49.6	49.7	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1200	.3	44.6	46.4	49.2	50.1	50.3	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 1000	.3	46.8	48.6	51.4	52.4	52.5	52.9	53.1	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8
≥ 900	.3	47.4	49.2	51.9	52.9	53.1	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 800	.3	50.6	52.5	55.7	56.9	57.1	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 700	.3	51.1	53.1	56.3	57.5	57.6	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 600	.3	52.4	54.6	57.9	59.4	59.6	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 500	.3	53.9	55.8	59.2	60.7	60.8	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4500	.3	53.9	56.3	59.6	61.1	61.3	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	.3	55.1	58.2	61.7	63.3	63.5	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3500	.3	55.8	58.9	62.4	64.2	64.3	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3000	.3	56.0	59.2	62.6	64.4	64.6	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 2500	.3	56.8	60.0	63.5	65.3	65.4	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 2000	.3	58.1	61.7	65.1	66.9	67.6	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1800	.3	58.9	62.5	66.1	67.9	68.6	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1500	.3	59.4	63.3	66.9	68.9	69.6	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1200	.3	60.3	64.7	69.2	71.3	72.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1000	.3	60.3	65.3	70.0	72.1	72.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 900	.3	60.4	65.4	70.3	72.5	73.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 800	.3	60.7	65.7	70.8	73.6	74.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 700	.3	60.7	65.8	71.3	74.3	75.1	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 600	.3	61.1	66.6	72.4	75.7	76.7	77.6	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 500	.3	61.1	67.4	73.3	76.7	77.8	79.0	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 400	.3	61.1	67.5	74.3	78.3	79.9	81.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 300	.3	61.4	67.9	75.0	79.7	81.5	84.2	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 200	.3	61.4	67.9	75.0	80.0	82.1	85.6	87.2	89.3	90.7	90.7	90.7	91.3	91.4	91.9	91.9
≥ 100	.3	61.4	67.9	75.0	80.0	82.1	85.6	87.4	89.4	91.4	91.8	91.8	94.2	94.6	96.1	96.5
≥ 0	.3	61.4	67.9	75.0	80.0	82.1	85.6	87.4	89.4	91.5	91.9	92.1	95.3	95.7	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	17.5	34.7	36.5	39.2	40.1	40.3	40.4	40.5	40.7	40.8	41.1	41.1	41.1	41.1	41.3	41.3
≥ 20000	18.3	36.4	38.3	41.1	42.4	42.5	42.9	43.1	43.3	43.6	43.9	43.9	44.2	44.2	44.3	44.3
≥ 18000	18.5	36.5	38.5	41.3	42.6	42.8	43.2	43.3	43.6	43.9	44.2	44.2	44.4	44.4	44.6	44.6
≥ 16000	18.5	36.5	38.5	41.3	42.6	42.8	43.2	43.3	43.6	43.9	44.2	44.2	44.4	44.4	44.6	44.6
≥ 14000	18.5	36.8	38.8	41.5	42.9	43.1	43.5	43.6	43.9	44.2	44.4	44.4	44.7	44.7	44.9	44.9
≥ 12000	18.6	36.9	39.0	41.8	43.2	43.3	43.8	43.9	44.2	44.4	44.7	44.7	45.0	45.0	45.1	45.1
≥ 10000	19.2	39.2	41.4	44.2	45.6	45.7	46.1	46.3	46.5	46.8	47.1	47.1	47.4	47.4	47.5	47.5
≥ 9000	19.3	39.6	41.8	44.6	46.0	46.1	46.5	46.7	46.9	47.2	47.5	47.5	47.8	47.8	47.9	47.9
≥ 8000	20.7	42.6	45.3	48.3	50.1	50.4	50.8	51.0	51.3	51.5	51.8	51.8	52.2	52.2	52.4	52.4
≥ 7000	21.1	43.5	46.1	49.2	51.0	51.3	51.7	51.8	52.1	52.4	52.6	52.6	53.1	53.1	53.2	53.2
≥ 6000	21.4	44.6	47.4	50.4	52.5	53.1	53.5	53.6	53.9	54.2	54.4	54.4	54.9	54.9	55.0	55.0
≥ 5000	22.1	46.7	49.7	52.9	55.0	55.6	56.0	56.1	56.4	56.7	56.9	56.9	57.4	57.4	57.5	57.5
≥ 4500	22.4	47.4	50.7	53.9	56.1	56.7	57.1	57.2	57.5	57.8	58.1	58.1	58.5	58.5	58.6	58.6
≥ 4000	23.2	49.0	52.5	55.8	58.1	58.6	59.2	59.3	59.6	60.0	60.3	60.3	60.7	60.7	60.8	60.8
≥ 3500	23.8	49.9	53.3	56.7	58.9	59.4	60.0	60.1	60.4	60.8	61.1	61.1	61.5	61.5	61.7	61.7
≥ 3000	23.8	50.7	54.2	57.5	59.9	60.4	61.1	61.3	61.5	61.9	62.4	62.4	62.8	62.8	62.9	62.9
≥ 2500	24.0	51.1	54.6	57.9	60.3	60.8	61.5	61.7	61.9	62.4	62.8	62.8	63.2	63.2	63.3	63.3
≥ 2000	24.3	52.5	56.0	59.4	61.8	62.5	63.2	63.3	63.6	64.2	64.6	64.6	65.0	65.0	65.1	65.1
≥ 1800	24.4	52.6	56.1	59.6	61.9	62.6	63.3	63.5	63.8	64.3	64.7	64.7	65.1	65.1	65.3	65.3
≥ 1500	24.6	53.3	56.8	60.4	62.8	63.6	64.3	64.4	64.7	65.3	65.7	65.7	66.1	66.1	66.3	66.3
≥ 1200	24.7	54.0	57.6	61.7	64.3	65.3	66.1	66.3	66.5	67.1	67.5	67.5	67.9	67.9	68.1	68.1
≥ 1000	24.9	54.4	58.3	62.6	65.4	66.4	67.5	67.6	67.9	68.5	68.9	68.9	69.3	69.3	69.4	69.4
≥ 900	25.0	54.7	58.6	63.3	66.1	67.1	68.2	68.5	68.8	69.3	69.7	69.7	70.1	70.1	70.3	70.3
≥ 800	25.2	55.4	59.4	64.2	67.1	68.1	69.2	69.4	69.9	70.7	71.1	71.1	71.5	71.5	71.7	71.7
≥ 700	25.3	55.6	59.7	64.7	67.8	68.8	70.0	70.3	70.7	71.7	72.1	72.1	72.5	72.5	72.6	72.6
≥ 600	25.0	56.1	60.7	66.1	69.7	70.8	72.6	73.1	73.5	74.4	74.9	74.9	75.3	75.3	75.4	75.4
≥ 500	25.0	56.4	61.0	66.7	70.7	71.8	74.0	74.4	74.9	76.0	76.4	76.4	76.8	76.8	77.1	77.1
≥ 400	25.0	56.4	61.1	67.4	71.9	73.8	76.8	77.5	78.5	79.6	80.0	80.0	80.4	80.4	80.8	80.8
≥ 300	25.0	56.4	61.1	67.5	72.9	75.4	80.7	82.1	83.9	86.3	87.2	87.2	88.3	88.3	89.7	89.7
≥ 200	25.0	56.4	61.1	67.5	72.9	75.4	80.7	82.2	84.3	87.2	88.8	88.8	91.3	92.2	93.9	93.9
≥ 100	25.0	56.4	61.1	67.5	72.9	75.4	80.7	82.2	84.3	87.2	88.9	88.9	91.7	92.8	95.7	95.7
≥ 0	25.0	56.4	61.1	67.5	72.9	75.4	80.7	82.2	84.3	87.2	88.9	88.9	91.7	92.8	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-87

JUN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-1800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING ≥ 25000	33.5	33.1	39.4	41.0	41.8	41.9	41.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.4	42.4
≥ 18000 ≥ 15000	36.4	41.1	42.8	44.4	45.4	45.4	45.8	45.8	45.9	46.1	46.1	46.1	46.1	46.1	46.3	46.3
≥ 14000 ≥ 12000	36.4	41.1	42.8	44.4	45.4	45.4	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.3	46.3
≥ 10000 ≥ 8000	36.5	41.3	42.9	44.6	45.6	45.6	46.0	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.4	46.4
≥ 7000 ≥ 5000	37.4	42.1	43.8	45.4	46.4	46.5	46.9	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.4	47.4
≥ 4000 ≥ 3000	39.4	44.4	46.1	47.9	48.9	49.0	49.4	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.9	49.9
≥ 2000 ≥ 1500	39.4	44.4	46.1	47.9	48.9	49.0	49.4	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.9	49.9
≥ 1000 ≥ 800	41.1	46.1	48.2	50.0	51.1	51.3	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	52.1	52.1
≥ 600 ≥ 500	41.4	46.4	48.8	50.6	51.8	52.1	52.5	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.9	52.9
≥ 400 ≥ 300	42.3	47.6	50.0	51.8	53.1	53.6	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.4	54.4
≥ 200 ≥ 100	42.5	49.0	51.4	53.5	54.7	55.3	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.1	56.1
≥ 100 ≥ 50	43.2	49.9	52.2	54.3	55.6	56.1	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.9	56.9
≥ 50 ≥ 20	44.0	51.3	54.0	56.4	57.9	58.6	59.0	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.6	59.6
≥ 10 ≥ 5	45.3	52.6	55.4	57.8	59.4	60.1	60.8	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.4	61.4
≥ 5 ≥ 2	45.4	53.3	56.1	58.5	60.1	60.8	61.5	61.7	61.7	61.9	61.9	61.9	61.9	61.9	62.1	62.1
≥ 2 ≥ 1	46.1	53.6	56.4	58.8	60.4	61.1	61.8	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.4	62.4
≥ 1 ≥ 0	46.7	54.6	57.4	59.7	61.4	62.1	62.8	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3
≥ 0 ≥ 0	47.1	55.0	57.8	60.1	61.8	62.5	63.2	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.8	63.8
≥ 0 ≥ 0	47.8	56.3	59.2	61.5	63.2	63.9	64.6	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.1	65.1
≥ 0 ≥ 0	48.8	57.2	60.1	62.6	64.4	65.1	66.0	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.5	66.5
≥ 0 ≥ 0	49.4	58.2	61.5	64.0	66.0	66.7	67.6	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 0 ≥ 0	49.4	58.3	61.7	64.2	66.3	66.9	67.9	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.5	68.5
≥ 0 ≥ 0	49.6	58.8	62.1	64.7	67.1	67.9	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.6	69.6
≥ 0 ≥ 0	50.0	60.1	63.9	66.7	69.2	70.1	71.4	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.9	71.9
≥ 0 ≥ 0	50.0	60.8	64.6	67.9	70.8	72.4	74.0	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 0 ≥ 0	50.3	61.7	65.8	70.0	73.5	75.7	78.5	78.6	79.7	79.3	79.3	79.3	79.3	79.3	79.6	79.6
≥ 0 ≥ 0	50.0	61.7	66.1	71.0	76.0	79.4	82.9	83.5	84.0	84.7	84.9	84.9	85.1	85.1	85.3	85.3
≥ 0 ≥ 0	50.3	61.7	66.3	71.4	77.1	81.1	86.0	87.5	88.5	90.1	90.3	90.3	90.6	90.6	90.7	90.7
≥ 0 ≥ 0	50.0	61.7	66.3	71.4	77.2	81.5	86.8	89.2	91.0	93.5	94.2	94.3	95.3	95.7	95.8	95.8
≥ 0 ≥ 0	50.0	61.7	66.3	71.4	77.2	81.5	86.8	89.2	91.0	93.6	94.6	95.0	96.5	96.9	97.4	98.2
≥ 0 ≥ 0	50.0	61.7	66.3	71.4	77.2	81.5	86.8	89.2	91.0	93.6	94.7	95.1	96.8	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 770

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601  
STATION

BANGON INTERNATIONAL  
STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 2000	35.4	38.9	40.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 1800	39.9	43.6	45.3	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 1600	39.9	43.6	45.3	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 1400	40.1	43.9	45.8	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 1200	41.5	45.3	47.2	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 1000	42.5	46.3	48.2	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 900	42.5	46.3	48.2	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 800	43.6	47.4	49.6	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 700	44.2	47.9	50.1	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 600	44.4	48.2	50.4	52.1	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 500	46.5	51.1	53.8	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4500	47.1	51.7	54.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4000	48.9	53.9	56.8	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 3500	50.7	56.1	59.0	60.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3000	52.5	58.7	61.3	63.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 2500	54.0	59.9	63.2	65.0	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 2000	55.6	61.8	65.4	67.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1800	56.1	62.4	66.1	68.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1500	57.6	64.6	68.5	70.4	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 1200	59.2	66.5	71.1	73.5	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1000	60.4	69.0	73.8	76.4	77.9	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 900	60.4	69.6	74.6	77.2	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 800	60.6	70.6	75.7	78.3	80.6	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 700	61.0	72.2	77.5	81.0	83.3	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 600	61.1	73.3	78.8	82.9	86.0	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 500	61.1	74.6	81.0	85.3	90.3	91.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	61.1	74.6	81.0	86.3	92.1	94.3	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	61.1	74.6	81.0	86.4	92.6	95.3	97.1	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	61.1	74.6	81.0	86.4	92.6	95.3	97.1	97.5	97.8	99.2	99.2	99.2	99.2	99.2	99.6	99.6
≥ 100	61.1	74.6	81.0	86.4	92.6	95.3	97.1	97.5	97.8	99.4	99.6	99.6	99.6	100.0	100.0	100.0
≥ 0	61.1	74.6	81.0	86.4	92.6	95.3	97.1	97.5	97.8	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14621  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 25000	34.0	37.4	37.8	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 18000	36.8	41.9	42.5	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 15000	39.4	42.6	43.2	44.4	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 12000	39.6	42.8	43.3	44.6	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 10000	40.0	43.3	44.0	45.4	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 8000	41.0	44.6	45.4	46.8	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 6000	41.9	45.6	46.4	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 5000	42.5	46.1	46.9	48.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 4000	45.0	49.6	50.6	51.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 3000	46.0	50.6	51.5	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 2500	46.5	51.3	52.2	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 2000	49.4	54.9	55.8	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 1500	50.4	56.5	57.5	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1000	53.3	59.9	61.4	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 750	55.8	62.5	64.2	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 600	59.2	66.4	68.6	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 500	61.0	69.2	71.4	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 400	62.2	71.1	73.3	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 300	62.9	71.8	74.0	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 200	64.6	74.7	77.2	79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 100	66.5	77.4	80.1	82.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 0	67.4	79.4	82.4	84.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 900	67.8	80.1	83.1	86.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 800	68.3	81.5	84.6	87.5	89.3	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 700	69.3	82.4	85.7	88.8	91.1	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	68.3	82.9	86.3	89.9	92.6	93.5	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	68.3	83.1	86.5	90.3	93.5	94.7	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	68.3	83.2	86.6	90.8	94.7	96.0	96.9	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	68.3	83.2	86.6	91.0	94.9	96.1	97.8	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	68.3	83.2	86.6	91.0	94.9	96.1	97.8	98.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	68.3	83.2	86.6	91.0	94.9	96.1	97.8	98.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	68.3	83.2	86.6	91.0	94.9	96.1	97.8	98.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅒	≥⅛	≥0
NO CEILING	36.4	40.1	41.0	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 2000	40.4	44.9	46.1	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 1800	40.4	45.0	46.1	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 1600	40.4	45.0	46.1	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 1400	41.5	46.5	47.6	48.6	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 1200	42.2	47.1	48.2	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 1000	44.9	50.6	51.9	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 900	45.4	51.4	52.8	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 800	47.2	53.6	55.3	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 700	48.1	54.9	56.5	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 600	50.1	57.2	59.2	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 500	52.5	60.0	62.1	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 450	53.6	61.5	63.8	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 400	57.1	65.8	68.1	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 350	58.6	67.5	70.1	71.9	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 300	61.1	70.8	73.5	75.6	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 250	62.2	72.8	75.4	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 200	63.8	74.3	76.9	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	64.4	75.3	77.9	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	66.4	77.8	80.6	82.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	68.3	80.1	83.1	85.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	68.5	80.7	83.8	86.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	68.8	81.8	85.0	87.8	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	69.3	82.6	86.0	89.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	69.6	83.5	87.4	90.6	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	69.6	83.9	88.1	91.4	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	69.6	84.2	88.6	92.4	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	69.6	84.2	88.6	92.6	96.5	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	69.6	84.2	88.6	92.8	97.1	97.4	98.2	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	69.6	84.2	88.6	92.8	97.2	97.6	98.5	98.9	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	69.6	84.2	88.6	92.8	97.2	97.6	98.5	98.9	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	69.6	84.2	88.6	92.8	97.2	97.6	98.5	98.9	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14571  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	29.7	43.6	44.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 18000 ≥ 15000	33.1	49.0	50.0	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 14000 ≥ 12000	33.3	50.1	51.1	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000 ≥ 9000	34.0	50.6	51.7	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000 ≥ 7000	35.7	52.9	54.0	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000 ≥ 5000	36.1	53.3	54.4	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 4500 ≥ 4000	38.9	56.8	57.9	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3500 ≥ 3000	39.6	59.0	60.1	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 2500 ≥ 2000	40.6	61.3	62.5	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1800 ≥ 1500	41.9	63.3	64.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 1200 ≥ 1000	43.1	64.9	66.3	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 900 ≥ 800	45.1	68.9	70.7	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 700 ≥ 600	45.6	70.0	71.8	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 500 ≥ 400	46.5	71.4	73.2	75.3	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 300 ≥ 200	47.1	72.5	74.4	76.8	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 100 ≥ 0	47.5	73.9	76.1	78.8	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 0	47.8	74.4	76.7	79.3	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 0	48.5	75.3	77.5	80.1	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 0	49.2	76.5	78.8	81.5	82.4	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 0	49.3	77.2	79.4	82.2	83.5	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 0	49.3	77.6	80.0	82.8	84.2	84.7	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 0	49.4	78.6	81.3	84.2	85.6	86.1	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 0	49.6	78.8	81.4	84.4	86.7	87.2	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 0	49.6	79.0	81.9	85.6	88.2	88.8	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 0	49.6	79.7	83.2	87.2	90.0	90.7	91.4	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 0	49.6	80.3	83.9	87.9	91.4	92.5	93.5	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 0	49.6	80.3	84.0	88.5	93.1	94.2	95.7	96.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	49.6	80.3	84.0	88.5	93.2	94.4	96.3	97.1	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 0	49.6	80.3	84.0	88.5	93.2	94.4	96.3	97.1	98.9	99.0	99.3	99.3	99.6	99.6	99.9	99.9
≥ 0	49.6	80.3	84.0	88.5	93.2	94.4	96.3	97.1	98.9	99.0	99.3	99.3	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

DANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 1/30
NO CEILING	.6	45.4	47.6	48.8	48.9	48.9	49.3	49.3	49.3	49.4	49.4	49.4	49.6	49.6	49.6	49.6
≥ 20000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 18000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 16000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 14000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 12000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 10000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 9000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 8000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 7000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 6000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 5000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 4500	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 4000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 3500	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 3000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 2500	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 2000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 1800	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 1500	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 1200	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 1000	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 900	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 800	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 700	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 600	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 500	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 400	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 300	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 200	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 100	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 0	.6	47.6	50.6	52.1	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14-51

BANGOR INTERNATIONAL

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.2	≥ 1.4	≥ 1.6	≥ 1.8	≥ 2.0
NO CEILING	23.4	40.0	41.3	42.8	43.2	43.3	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6
≥ 2000	26.0	43.5	45.1	46.8	47.4	47.5	47.7	47.7	47.8	47.8	47.9	47.9	47.9	47.9	48.0	48.0
≥ 1800	26.1	43.7	45.2	47.0	47.6	47.6	47.8	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.1
≥ 1600	26.1	43.7	45.3	47.0	47.6	47.7	47.9	47.9	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1
≥ 1400	26.5	44.2	45.9	47.6	48.3	48.3	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.8	48.8	48.8
≥ 1200	26.9	44.9	46.6	48.4	49.1	49.1	49.3	49.4	49.4	49.5	49.5	49.5	49.5	49.6	49.6	49.6
≥ 1000	28.1	46.9	48.8	50.6	51.3	51.3	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.8	51.8	51.8
≥ 900	28.3	47.3	49.1	51.0	51.6	51.7	51.9	51.9	52.0	52.1	52.1	52.1	52.1	52.2	52.2	52.2
≥ 800	29.7	49.9	51.9	53.9	54.7	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3
≥ 700	30.1	50.9	53.0	55.0	55.8	55.9	56.1	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.5	56.5
≥ 600	30.8	52.4	54.6	56.6	57.6	57.8	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3
≥ 500	32.0	54.6	57.0	59.2	60.1	60.3	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.8	60.8	60.9
≥ 4500	32.6	55.6	58.1	60.3	61.3	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0
≥ 4000	34.0	58.2	61.0	63.3	64.5	64.7	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2
≥ 3500	35.1	59.6	62.6	64.9	66.1	66.3	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9
≥ 3000	36.2	61.3	64.3	66.7	68.0	68.2	68.5	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.9	68.9
≥ 2500	36.9	62.6	65.7	68.1	69.4	69.6	69.9	70.0	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.3
≥ 2000	37.6	64.0	67.3	69.8	71.1	71.4	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 1800	38.0	64.5	67.8	70.4	71.6	72.0	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7
≥ 1500	38.8	65.9	69.4	72.0	73.3	73.7	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4
≥ 1200	39.7	67.4	71.1	74.1	75.6	76.2	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76.8	76.8	76.8
≥ 1000	40.1	68.4	72.3	75.5	77.2	77.7	78.2	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.7
≥ 900	40.2	68.8	72.8	76.2	78.0	78.6	79.1	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.6	79.6
≥ 800	40.4	69.6	73.7	77.2	79.4	80.0	80.6	80.7	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1
≥ 700	40.5	70.3	74.6	78.4	81.0	81.6	82.3	82.4	82.5	82.7	82.8	82.8	82.8	82.8	82.9	82.9
≥ 600	40.6	70.8	75.4	79.7	82.6	83.4	84.1	84.5	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.1
≥ 500	40.6	71.2	76.3	80.9	84.3	85.4	86.6	86.9	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.6
≥ 400	40.6	71.3	76.5	81.7	85.6	87.4	89.0	89.5	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.4
≥ 300	40.6	71.4	76.7	82.1	86.7	88.6	90.9	91.7	92.3	92.8	92.9	92.9	93.1	93.1	93.1	93.2
≥ 200	40.6	71.4	76.7	82.1	86.9	88.9	91.8	92.9	94.0	95.1	95.4	95.5	96.0	96.1	96.4	96.4
≥ 100	40.6	71.4	76.7	82.1	86.9	88.9	91.8	93.0	94.2	95.6	96.2	96.3	97.4	97.6	98.1	98.5
≥ 0	40.6	71.4	76.7	82.1	86.9	88.9	91.8	93.0	94.2	95.6	96.3	96.4	97.6	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14611

BANGOR INTERNATIONAL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	.7	42.2	44.1	46.5	47.0	47.6	48.8	48.8	48.9	49.1	49.1	49.1	49.1	49.1	49.3	49.6
≥ 18000	.7	46.5	49.1	51.5	52.2	52.7	53.9	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.7
≥ 16000	.7	46.5	49.1	51.5	52.2	52.7	53.9	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.7
≥ 14000	.7	47.3	49.9	52.3	53.0	53.5	54.7	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.2	55.5
≥ 12000	.7	47.8	50.4	52.8	53.5	54.0	55.2	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.8	56.0
≥ 10000	.8	49.7	52.6	55.2	55.9	56.5	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	58.2	58.5
≥ 9000	.8	50.3	53.1	55.8	56.5	57.0	58.2	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.7	59.0
≥ 8000	.8	53.1	56.0	58.7	59.5	60.1	61.3	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.9	62.1
≥ 7000	.8	53.4	56.6	59.3	60.3	61.0	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.8	63.0
≥ 6000	.8	55.0	58.2	61.2	62.4	63.0	64.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.8	65.1
≥ 5000	.8	57.1	60.6	63.8	65.6	66.4	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.3	69.5
≥ 4500	.8	57.7	61.2	64.4	66.1	66.9	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	69.8	69.1
≥ 4000	.8	59.3	62.9	66.4	68.4	69.2	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	71.1	71.4
≥ 3500	.8	60.2	63.8	67.6	69.8	70.7	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.6	72.8
≥ 3000	.8	60.8	64.4	68.1	70.7	71.6	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.8	74.1
≥ 2500	.8	61.6	65.2	69.0	71.9	72.8	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	75.0	75.3
≥ 2000	.8	62.1	65.7	69.8	72.8	73.8	75.4	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.9	76.2
≥ 1800	.8	62.2	65.9	69.9	73.1	74.1	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.2	76.5
≥ 1500	.8	62.2	66.0	70.0	73.3	74.2	75.8	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.3	76.6
≥ 1200	.8	62.5	66.3	70.3	73.9	75.0	76.7	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.4	77.7
≥ 1000	.8	62.5	66.3	70.4	74.1	75.4	77.2	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.8	78.1
≥ 900	.8	62.5	66.3	70.7	74.3	75.7	77.4	77.4	77.6	77.7	77.8	77.8	77.8	77.8	78.1	78.4
≥ 800	.8	62.5	66.3	70.7	74.3	75.7	77.4	77.4	77.6	77.7	77.8	77.8	77.8	77.8	78.1	78.4
≥ 700	.8	62.6	66.4	71.1	74.7	76.2	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.8	79.0
≥ 600	.8	62.6	66.5	71.2	75.1	76.9	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.7	80.0
≥ 500	.8	62.8	67.1	72.3	76.5	78.9	81.5	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.3	82.5
≥ 400	.8	63.0	67.3	72.8	77.4	80.5	83.3	83.6	84.1	84.5	84.5	84.5	84.5	84.5	84.9	85.2
≥ 300	.8	63.2	67.5	73.3	78.1	81.9	86.4	87.2	88.2	88.6	88.6	88.7	88.7	88.8	89.2	89.5
≥ 200	.8	63.2	67.5	73.3	78.6	82.9	87.9	89.2	91.0	92.9	92.9	93.0	93.0	93.1	93.8	94.1
≥ 100	.8	63.2	67.5	73.3	78.6	83.1	88.0	89.4	91.3	93.5	94.1	94.2	95.2	95.3	97.2	97.8
≥ 0	.8	63.2	67.5	73.3	78.6	83.1	88.0	89.4	91.3	93.7	94.2	94.4	95.6	95.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	15.7	35.6	37.0	38.7	40.1	40.2	40.9	41.1	41.7	41.9	41.9	41.9	42.2	42.2	42.2	42.6
≥ 18000	17.3	40.3	41.9	44.2	45.8	46.0	46.9	47.2	47.7	48.0	48.0	48.0	48.3	48.3	48.3	48.7
≥ 16000	17.3	40.3	41.9	44.2	45.8	46.0	46.9	47.2	47.7	48.0	48.0	48.0	48.3	48.3	48.3	48.7
≥ 14000	17.5	40.6	42.3	44.6	46.2	46.4	47.3	47.6	48.1	48.4	48.4	48.4	48.7	48.7	48.7	49.1
≥ 12000	17.7	41.0	42.9	45.2	46.9	47.0	48.0	48.3	48.8	49.1	49.1	49.1	49.3	49.3	49.3	49.7
≥ 10000	19.4	44.4	46.2	48.8	50.5	50.8	51.7	52.0	52.6	52.8	52.8	52.8	53.1	53.1	53.1	53.5
≥ 9000	19.6	44.6	46.5	49.1	50.8	51.1	52.0	52.3	52.8	53.1	53.1	53.1	53.4	53.4	53.4	53.8
≥ 8000	20.8	48.1	50.1	52.8	54.8	55.1	56.0	56.5	57.1	57.4	57.4	57.4	57.7	57.7	57.7	58.1
≥ 7000	21.0	48.5	50.7	53.5	55.5	55.8	56.7	57.1	57.8	58.1	58.1	58.1	58.3	58.3	58.3	58.7
≥ 6000	21.5	49.5	51.6	54.6	56.6	56.9	58.1	58.5	59.1	59.4	59.4	59.4	59.7	59.7	59.7	60.1
≥ 5000	21.8	50.8	53.2	56.6	59.4	59.9	61.2	61.6	62.4	62.8	62.8	62.8	63.0	63.0	63.0	63.4
≥ 4500	21.9	51.1	53.6	57.0	59.8	60.3	61.6	62.0	62.8	63.2	63.2	63.2	63.4	63.4	63.4	64.0
≥ 4000	22.7	52.4	55.4	58.7	61.8	62.4	63.6	64.0	64.8	65.2	65.2	65.2	65.5	65.5	65.5	66.0
≥ 3500	23.1	53.4	56.3	59.9	63.0	63.6	64.8	65.2	66.0	66.4	66.4	66.4	66.7	66.7	66.7	67.2
≥ 3000	23.1	54.0	57.0	60.6	63.8	64.4	65.7	66.3	67.1	67.6	67.6	67.6	67.9	67.9	67.9	68.4
≥ 2500	23.4	54.6	57.7	61.3	64.7	65.3	66.7	67.2	68.0	68.5	68.5	68.5	68.8	68.8	68.8	69.4
≥ 2000	23.5	55.0	58.1	62.2	65.6	66.3	67.7	68.3	69.1	69.6	69.6	69.6	69.9	69.9	69.9	70.4
≥ 1800	23.5	55.0	58.1	62.2	65.6	66.3	67.7	68.3	69.1	69.6	69.6	69.6	69.9	69.9	69.9	70.4
≥ 1500	23.5	55.2	58.3	62.5	66.0	66.7	68.1	68.7	69.5	70.0	70.0	70.0	70.3	70.3	70.3	70.8
≥ 1200	23.5	55.4	58.5	62.6	66.4	67.2	68.8	69.4	70.2	70.7	70.7	70.7	71.0	71.0	71.0	71.5
≥ 1000	23.5	55.6	59.0	63.4	67.2	68.1	69.8	70.3	71.1	71.6	71.6	71.6	71.9	71.9	71.9	72.4
≥ 900	23.5	55.8	59.1	63.6	67.3	68.3	69.9	70.4	71.2	71.8	71.8	71.8	72.0	72.0	72.0	72.6
≥ 800	23.5	56.3	59.9	64.4	68.3	69.4	71.0	71.5	72.4	73.1	73.1	73.1	73.4	73.4	73.4	73.9
≥ 700	23.5	57.0	60.9	65.6	69.9	71.1	72.7	73.3	74.2	74.9	74.9	74.9	75.1	75.1	75.1	75.7
≥ 600	23.5	57.1	61.0	66.0	70.7	72.0	74.5	75.0	75.9	76.6	76.6	76.6	76.9	76.9	76.9	77.4
≥ 500	23.5	57.3	61.4	66.4	71.2	72.7	75.3	75.8	76.9	77.7	77.7	77.7	78.0	78.0	78.0	78.5
≥ 400	23.5	57.4	61.8	66.8	72.0	73.8	76.9	77.4	78.9	80.0	80.2	80.2	80.6	80.6	80.6	81.2
≥ 300	23.5	57.4	61.8	66.9	72.7	75.1	78.9	79.8	82.0	83.3	83.6	83.7	84.3	84.3	84.3	85.2
≥ 200	23.5	57.4	61.8	66.9	72.8	75.3	79.7	80.8	83.9	85.9	86.7	86.8	88.3	88.6	88.8	89.4
≥ 100	23.5	57.4	61.8	67.1	73.0	75.4	79.8	81.0	84.4	87.0	88.0	88.2	90.7	91.1	93.8	95.4
≥ 0	23.5	57.4	61.8	67.1	73.0	75.4	79.8	81.0	84.4	87.0	88.0	88.2	90.7	91.5	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	36.0	40.1	41.9	43.7	45.4	45.7	46.5	46.6	46.6	46.8	46.8	46.8	46.8	46.9	47.0	47.0
≥ 20000	39.1	43.8	45.7	47.6	49.6	50.0	50.8	50.9	50.9	51.1	51.1	51.1	51.1	51.3	51.3	51.3
≥ 18000	39.2	44.1	46.0	47.8	49.9	50.3	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.6	51.6	51.6
≥ 16000	39.2	44.1	46.0	47.8	49.9	50.3	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.6	51.6	51.6
≥ 14000	39.9	45.2	47.2	49.1	51.1	51.5	52.3	52.4	52.4	52.6	52.6	52.6	52.6	52.8	52.8	52.8
≥ 12000	41.0	46.5	48.7	50.5	52.6	53.0	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.3	54.3	54.3
≥ 10000	42.9	48.5	50.9	53.0	55.1	55.5	56.3	56.5	56.5	56.6	56.6	56.6	56.6	56.9	56.9	56.9
≥ 9000	43.3	49.9	51.3	53.4	55.5	55.9	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.3	57.3	57.3
≥ 8000	45.6	51.6	54.0	56.5	58.9	59.4	60.2	60.5	60.5	60.6	60.6	60.6	60.6	60.9	60.9	60.9
≥ 7000	45.7	51.7	54.2	56.6	59.0	59.5	60.5	60.8	60.8	60.9	60.9	60.9	60.9	61.2	61.2	61.2
≥ 6000	47.4	53.8	56.2	58.6	61.0	61.6	62.5	62.8	62.8	62.9	62.9	62.9	62.9	63.2	63.2	63.2
≥ 5000	48.7	55.2	57.7	60.1	62.9	63.4	64.5	64.8	64.8	64.9	64.9	64.9	64.9	65.2	65.2	65.2
≥ 4500	48.8	55.4	57.8	60.2	63.0	63.6	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.3	65.3	65.3
≥ 4000	49.5	56.2	58.6	61.0	64.0	64.9	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.9	66.9	66.9
≥ 3500	49.5	56.3	59.0	61.4	64.4	65.3	66.7	66.9	66.9	67.1	67.1	67.1	67.1	67.3	67.3	67.3
≥ 3000	49.9	56.9	59.5	62.0	65.3	66.3	67.6	68.1	68.1	68.3	68.3	68.3	68.3	68.5	68.5	68.5
≥ 2500	50.0	57.3	60.3	62.8	66.4	67.3	68.7	69.2	69.2	69.4	69.4	69.4	69.4	69.6	69.6	69.6
≥ 2000	50.5	57.8	60.9	63.4	67.1	68.0	69.4	69.9	69.9	70.0	70.0	70.0	70.0	70.3	70.3	70.3
≥ 1800	50.7	57.9	61.0	63.6	67.2	68.1	69.5	70.0	70.0	70.2	70.2	70.2	70.2	70.4	70.4	70.4
≥ 1500	51.1	58.6	62.1	64.7	68.3	69.2	70.6	71.1	71.1	71.2	71.2	71.2	71.2	71.5	71.5	71.5
≥ 1200	51.6	59.5	63.4	66.0	69.8	70.7	72.0	72.6	72.6	72.7	72.7	72.7	72.7	73.0	73.0	73.0
≥ 1000	51.6	60.1	64.1	66.7	70.6	71.5	72.8	73.4	73.4	73.5	73.5	73.5	73.5	73.8	73.8	73.8
≥ 900	51.7	60.2	64.2	66.8	70.8	71.8	73.3	73.8	73.8	73.9	73.9	73.9	73.9	74.2	74.2	74.2
≥ 800	51.7	60.2	64.2	66.9	71.0	71.9	73.5	74.1	74.1	74.2	74.2	74.2	74.2	74.5	74.5	74.5
≥ 700	52.3	61.3	65.9	69.1	73.5	74.7	76.5	77.0	77.0	77.2	77.2	77.2	77.2	77.4	77.4	77.4
≥ 600	52.4	61.7	66.3	69.9	74.5	75.8	78.0	78.5	78.5	78.6	78.6	78.6	78.6	78.9	78.9	78.9
≥ 500	52.4	61.8	66.4	70.6	75.9	77.8	80.4	80.9	81.0	81.2	81.5	81.5	81.5	81.7	81.7	81.7
≥ 400	52.6	62.0	66.7	71.4	77.0	79.4	82.5	83.5	83.9	84.3	84.7	84.7	84.7	84.9	84.9	84.9
≥ 300	52.6	62.0	66.7	71.5	77.7	81.3	85.6	87.5	89.3	89.9	90.5	90.7	90.9	91.1	91.3	91.3
≥ 200	52.6	62.0	66.7	71.5	77.7	81.3	86.0	88.0	90.3	92.5	93.5	93.8	95.2	95.6	95.7	95.8
≥ 100	52.6	62.0	66.7	71.5	77.7	81.3	86.0	88.0	90.6	92.7	94.2	94.8	96.1	96.8	97.7	98.7
≥ 0	52.6	62.0	66.7	71.5	77.7	81.3	86.0	88.0	90.6	92.7	94.2	94.8	96.1	96.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

JUL

STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	39.1	44.8	46.0	47.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000 ≥ 16000	41.4	48.0	49.2	50.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000 ≥ 12000	41.9	48.1	49.3	50.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000 ≥ 8000	41.7	48.3	49.5	51.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 6000 ≥ 4000	42.5	49.3	50.5	52.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 3000 ≥ 2000	43.5	50.5	51.9	53.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 1000 ≥ 800	46.1	53.2	54.6	56.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 600 ≥ 400	46.5	53.6	55.0	56.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 300 ≥ 200	48.0	55.8	57.3	59.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 100 ≥ 0	48.1	56.2	57.7	59.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000 ≥ 6000	48.8	57.0	58.5	60.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 5000 ≥ 4000	50.0	58.3	59.8	61.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500 ≥ 3000	50.9	59.5	61.0	62.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 2500 ≥ 2000	52.7	61.4	62.9	64.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1800 ≥ 1500	55.0	64.0	65.5	67.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 1200 ≥ 1000	56.3	65.5	67.5	69.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 800 ≥ 600	57.3	66.4	68.5	70.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 400 ≥ 300	58.9	68.1	70.3	72.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 200 ≥ 100	59.5	69.0	71.2	73.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 100 ≥ 0	60.5	70.6	73.1	75.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 800 ≥ 600	62.2	72.2	75.0	77.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 400 ≥ 300	62.2	72.7	75.6	78.9	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 200 ≥ 100	62.2	73.0	76.1	79.2	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 100 ≥ 0	62.2	73.1	76.5	79.7	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 800 ≥ 600	62.2	74.1	77.7	81.3	86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 400 ≥ 300	62.2	74.6	78.4	82.4	89.4	90.1	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 200 ≥ 100	62.2	75.4	79.4	83.6	91.3	92.1	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 100 ≥ 0	62.2	75.7	79.7	84.4	92.5	93.4	95.6	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800 ≥ 600	62.2	75.8	79.8	84.5	92.6	94.0	96.5	97.2	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 400 ≥ 300	62.2	75.8	79.8	84.5	92.7	94.1	96.8	97.7	98.8	99.3	99.3	99.5	99.5	99.7	99.7	99.7
≥ 200 ≥ 100	62.2	75.8	79.8	84.5	92.7	94.1	96.8	97.7	98.8	99.3	99.5	99.6	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	62.2	75.8	79.8	84.5	92.7	94.1	96.8	97.7	98.8	99.3	99.5	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	37.4	42.3	43.8	44.2	44.6	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 18000 ≥ 16000	40.3	46.8	48.8	49.3	49.7	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 14000 ≥ 12000	41.3	47.4	49.5	50.0	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 10000 ≥ 9000	44.2	51.1	53.4	54.3	54.7	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000 ≥ 7000	46.9	54.3	56.9	57.8	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 6000 ≥ 5000	48.5	56.5	59.1	60.1	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4500 ≥ 4000	51.6	59.7	62.8	63.7	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3500 ≥ 3000	53.2	61.6	64.7	65.6	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 2500 ≥ 2000	57.8	66.3	69.8	70.7	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1800 ≥ 1500	61.3	70.7	74.2	75.1	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1200 ≥ 1000	62.2	71.8	75.9	76.9	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 900 ≥ 800	64.2	73.9	78.2	79.6	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 700 ≥ 600	65.9	75.9	80.5	81.3	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 500 ≥ 400	65.9	75.9	80.5	81.9	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 300 ≥ 200	66.5	76.9	81.7	83.3	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 100 ≥ 0	67.1	78.6	83.5	85.3	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	67.3	79.2	84.0	86.2	88.4	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
	67.3	79.6	84.7	87.0	89.5	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	67.6	80.2	85.5	87.9	90.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	67.6	80.4	85.6	88.3	91.7	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
	67.6	80.6	86.2	89.2	93.8	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	67.6	80.9	86.4	89.7	94.6	96.1	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7
	67.6	81.0	86.6	90.2	95.4	97.0	98.4	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1
	67.6	81.0	86.6	90.2	95.4	97.0	98.7	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
	67.6	81.0	86.6	90.2	95.4	97.0	98.8	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	67.6	81.0	86.6	90.2	95.4	97.0	98.8	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	67.6	81.0	86.6	90.2	95.4	97.0	98.8	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-87

JUL

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	42.3	45.6	47.4	48.3	49.2	49.2	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	47.2	51.1	53.5	54.4	55.4	55.4	55.6	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000	47.4	51.5	53.9	54.8	55.8	55.8	56.0	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	47.6	51.6	54.0	55.0	55.9	55.9	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	48.3	52.3	54.8	55.8	57.0	57.0	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	49.2	53.2	55.9	56.9	58.1	58.1	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000	51.1	55.2	58.3	59.4	60.6	60.6	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	51.5	55.8	58.9	59.9	61.2	61.2	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	55.2	60.9	64.5	65.7	66.9	66.9	67.2	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	56.9	62.9	66.5	67.7	69.1	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	58.5	64.9	68.5	69.8	71.1	71.1	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	61.2	68.3	72.0	73.4	74.7	74.7	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	61.8	69.0	72.7	74.1	75.4	75.4	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	64.1	72.2	76.5	78.4	80.0	80.0	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	64.9	73.9	78.2	80.1	81.7	81.7	82.0	82.0	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	66.1	75.1	79.6	81.5	83.2	83.2	83.6	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	67.1	76.7	81.5	83.5	85.3	85.3	85.8	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	67.6	77.7	82.5	84.9	87.1	87.1	87.5	87.5	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	67.7	77.8	82.7	85.1	87.4	87.4	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	68.1	78.8	83.7	86.2	88.4	88.4	88.8	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	68.0	80.1	85.1	87.8	90.1	90.2	90.6	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	68.0	80.4	85.6	88.6	90.9	91.0	91.4	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	68.1	80.5	85.9	88.8	91.1	91.1	91.5	91.5	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	68.1	80.5	85.9	88.8	91.4	91.7	92.1	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	68.1	80.5	86.0	89.1	91.9	92.3	92.9	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	68.1	80.6	86.4	89.5	92.5	93.1	94.2	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	68.1	81.0	87.0	90.1	93.4	94.5	96.1	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	68.1	81.3	87.2	90.3	93.8	95.3	97.0	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	68.1	81.5	87.4	90.5	94.0	95.8	98.4	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	68.1	81.5	87.4	90.5	94.0	95.8	98.4	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	68.1	81.5	87.4	90.5	94.0	95.8	98.4	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	68.1	81.5	87.4	90.5	94.0	95.8	98.4	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14501

DANGOR INTERNATIONAL

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING ≥ 20000	31.2	46.8	48.7	49.9	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	34.9	53.5	55.9	57.3	57.8	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 16000	35.3	54.2	56.6	57.9	58.5	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	35.3	54.2	56.6	57.9	58.5	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	35.3	54.6	57.1	58.5	59.0	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	36.3	55.9	58.6	59.9	60.5	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	37.1	58.2	61.0	62.4	62.9	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	37.2	58.6	61.4	62.8	63.3	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	40.1	63.0	65.9	67.9	68.7	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	41.0	64.0	66.9	69.2	70.2	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	42.1	66.0	69.0	71.5	72.4	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	43.0	69.0	72.2	74.7	75.8	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	43.1	69.2	72.4	75.0	76.1	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	44.1	71.6	75.0	77.6	78.6	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	44.5	72.8	76.3	78.9	80.0	80.5	80.5	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500	44.9	73.9	77.6	80.4	81.6	82.3	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	45.0	74.6	78.2	81.2	82.5	83.2	83.3	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	45.6	75.8	79.6	82.5	83.9	84.5	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	45.6	75.9	79.7	82.7	84.0	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	45.7	76.6	80.5	83.6	84.9	85.9	86.7	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	45.8	77.0	81.0	84.1	85.8	86.7	86.8	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	45.8	77.3	81.3	84.6	86.4	87.5	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 800	45.8	77.4	81.5	84.9	86.6	87.6	87.8	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 700	45.8	77.7	82.0	85.6	87.2	88.3	88.4	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 600	45.8	77.8	82.1	85.9	87.5	88.6	88.8	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 500	45.8	78.0	82.8	86.7	88.4	89.9	90.3	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 400	45.8	78.2	83.1	87.4	89.5	91.1	92.2	93.3	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	45.8	78.2	83.1	87.4	89.7	91.7	93.1	94.6	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	45.8	78.2	83.1	87.5	90.1	92.2	94.1	95.7	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100	45.8	78.2	83.1	87.5	90.1	92.3	94.5	96.2	98.1	98.9	99.1	99.1	99.1	99.2	99.2	99.2
≥ 0	45.8	78.2	83.1	87.5	90.2	92.5	94.6	96.4	98.3	99.2	99.5	99.5	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

SANGOR INTERNATIONAL

73-80

JUL

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING	.3	47.8	50.4	52.2	53.9	54.8	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 27000	.3	53.8	56.5	58.5	61.2	62.6	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	.3	53.8	56.5	58.5	61.2	62.6	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 15000	.3	53.8	56.5	58.5	61.2	62.6	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	.3	54.6	57.3	59.5	62.2	63.7	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	.3	55.1	57.8	60.3	63.0	64.5	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	.3	56.2	59.1	61.7	64.4	65.9	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	.3	56.3	59.1	61.8	64.5	66.0	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	.3	58.9	62.1	64.7	67.7	69.4	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	.3	59.8	63.2	66.0	69.1	70.7	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000	.3	61.6	65.1	68.0	71.2	72.8	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	.3	63.6	67.2	70.7	74.2	75.8	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	.3	63.6	67.2	70.7	74.2	75.8	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	.3	66.0	69.6	73.3	77.0	78.6	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	.3	66.8	70.8	74.5	78.8	80.4	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	.3	67.3	71.4	75.1	79.4	81.0	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	.3	67.6	71.6	75.5	79.8	81.5	82.0	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	.3	67.6	71.6	75.5	79.8	81.5	82.0	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	.3	67.7	71.6	75.7	80.1	81.7	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	.3	67.7	71.6	75.7	80.1	81.7	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	.3	67.9	71.9	76.1	80.6	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	.3	68.0	72.2	76.5	81.0	82.8	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 900	.3	68.1	72.6	76.9	81.7	83.5	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 800	.3	68.3	73.0	77.3	82.1	83.9	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 700	.3	68.4	73.1	77.4	82.4	84.3	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 600	.3	68.7	73.4	77.8	82.8	84.7	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 500	.3	68.8	73.9	78.5	83.6	85.6	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 400	.3	69.0	74.1	79.0	84.4	86.8	88.2	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 300	.3	69.0	74.1	79.3	85.6	88.3	90.6	91.3	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1
≥ 200	.3	69.0	74.1	79.3	85.6	88.8	91.8	93.3	94.4	95.7	95.8	96.1	96.2	96.2	96.2	96.5
≥ 100	.3	69.0	74.1	79.3	85.6	88.8	91.8	93.3	94.8	96.5	97.0	97.4	98.7	98.7	99.1	99.5
≥ 0	.3	69.0	74.1	79.3	85.6	88.8	91.8	93.3	94.8	96.5	97.0	97.4	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14001  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	25.3	43.1	44.9	46.4	47.5	47.8	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.6	48.6	48.7
≥ 18000	27.6	48.0	50.1	51.7	53.1	53.5	53.9	54.0	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.4
≥ 16000	27.8	48.2	50.3	51.9	53.3	53.7	54.1	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.6
≥ 14000	27.8	48.2	50.3	51.9	53.3	53.7	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.6
≥ 12000	28.2	48.9	51.1	52.7	54.2	54.6	55.0	55.1	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.5
≥ 10000	28.8	49.8	52.1	53.8	55.3	55.7	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.6
≥ 8000	30.2	52.1	54.5	56.4	57.9	58.3	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.2
≥ 6000	30.5	52.5	55.0	56.9	58.4	58.8	59.2	59.3	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.7
≥ 4000	32.2	55.7	58.4	60.4	62.1	62.5	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.5
≥ 2000	32.6	56.5	59.2	61.3	63.7	63.5	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.5
≥ 1500	33.5	58.0	60.8	63.0	64.8	65.3	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.3
≥ 1000	34.7	60.2	63.2	65.6	67.7	68.2	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.3
≥ 800	35.1	60.9	63.8	66.2	68.3	68.8	69.4	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.9	70.0
≥ 600	36.5	63.2	66.3	68.9	71.2	71.7	72.3	72.4	72.5	72.7	72.7	72.7	72.7	72.8	72.8	72.9
≥ 400	37.4	64.7	67.9	70.5	72.9	73.5	74.1	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.7
≥ 300	37.9	65.6	69.0	71.7	74.2	74.8	75.5	75.7	75.8	76.0	76.0	76.0	76.0	76.1	76.1	76.2
≥ 200	38.5	66.5	70.1	72.9	75.6	76.2	76.9	77.1	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.6
≥ 100	39.1	67.4	71.1	74.0	76.8	77.5	78.2	78.3	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.8
≥ 80	39.2	67.7	71.3	74.3	77.1	77.7	78.4	78.6	78.7	78.9	78.9	78.9	78.9	79.0	79.0	79.1
≥ 60	39.5	68.3	72.2	75.2	78.1	78.7	79.4	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.2
≥ 40	39.9	69.2	73.1	76.2	79.3	80.0	80.8	81.0	81.1	81.3	81.3	81.3	81.3	81.4	81.4	81.5
≥ 20	40.0	69.5	73.5	76.9	80.2	81.0	81.8	82.0	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.5
≥ 10	40.0	69.6	73.8	77.2	80.6	81.6	82.4	82.6	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.1
≥ 5	40.0	69.9	74.2	77.7	81.2	82.1	82.9	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.8
≥ 2	40.1	70.3	74.7	78.5	82.3	83.4	84.3	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.1	85.2
≥ 1	40.1	70.5	75.1	79.1	83.4	84.7	86.0	86.3	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.9
≥ 0.5	40.1	70.8	75.6	79.8	84.5	86.1	87.9	88.3	88.6	88.8	88.9	88.9	88.9	89.0	89.0	89.1
≥ 0.2	40.1	71.0	75.8	80.3	85.3	87.2	89.4	89.9	90.5	90.8	91.0	91.0	91.0	91.0	91.1	91.2
≥ 0.1	40.1	71.0	75.9	80.5	85.8	88.2	91.1	92.1	93.1	93.6	93.8	93.9	94.0	94.0	94.1	94.2
≥ 0.05	40.1	71.0	75.9	80.5	85.9	88.5	91.7	92.9	94.5	95.6	95.9	96.0	96.5	96.6	96.7	96.8
≥ 0.02	40.1	71.0	75.9	80.5	85.9	88.5	91.8	93.0	94.7	96.0	96.5	96.7	97.5	97.7	98.5	98.9
≥ 0.01	40.1	71.0	75.9	80.5	85.9	88.5	91.8	93.0	94.7	96.0	96.6	96.7	97.6	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

DANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1980-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16
NO RECORD	.5	46.7	49.3	51.5	54.0	54.5	55.0	55.3	55.6	55.7	55.7	55.7	56.3	56.3	56.7
≥ 20000	.5	49.4	52.1	54.5	56.9	57.9	58.4	58.7	59.0	59.1	59.1	59.1	59.6	59.6	60.3
≥ 18000	.5	49.4	52.1	54.5	56.9	57.9	58.4	58.7	59.0	59.1	59.1	59.1	59.6	59.6	60.3
≥ 16000	.5	49.4	52.1	54.5	56.9	57.9	58.4	58.7	59.0	59.1	59.1	59.1	59.6	59.6	60.3
≥ 14000	.5	49.4	52.1	54.5	56.9	57.9	58.4	58.7	59.0	59.1	59.1	59.1	59.6	59.6	60.3
≥ 12000	.5	50.1	52.8	55.2	57.7	58.7	59.2	59.5	59.8	59.9	59.9	59.9	60.4	60.4	61.1
≥ 10000	.5	52.8	55.6	58.3	60.8	61.9	62.4	62.7	63.0	63.1	63.1	63.1	63.7	63.7	64.3
≥ 9000	.5	52.8	55.7	58.4	61.0	62.2	62.7	63.0	63.3	63.4	63.4	63.4	63.9	63.9	64.6
≥ 8000	.5	54.0	57.1	59.8	62.3	63.5	64.1	64.3	64.6	64.7	64.7	64.7	65.3	65.3	65.9
≥ 7000	.5	54.8	58.0	60.8	63.4	64.6	65.1	65.4	65.7	65.8	65.8	65.8	66.4	66.4	67.0
≥ 6000	.5	55.2	58.7	61.8	64.3	65.5	66.1	66.4	66.6	66.8	66.8	66.8	67.3	67.3	68.0
≥ 5000	.5	56.4	59.9	63.1	65.7	67.0	67.6	67.8	68.1	68.2	68.2	68.2	68.8	68.8	69.4
≥ 4500	.5	56.9	60.4	63.7	66.2	67.6	68.1	68.4	68.6	68.8	68.8	68.8	69.3	69.3	69.7
≥ 4000	.5	59.1	62.7	65.9	68.5	69.9	70.4	70.7	70.9	71.1	71.1	71.1	71.6	71.6	72.3
≥ 3500	.5	60.0	63.8	67.2	69.7	71.1	71.6	71.9	72.1	72.3	72.3	72.3	72.8	72.8	73.5
≥ 3000	.5	60.7	64.6	68.1	70.8	72.4	73.2	73.5	73.8	73.9	73.9	73.9	74.4	74.4	75.1
≥ 2500	.5	60.8	64.7	68.5	71.3	72.9	73.8	74.0	74.3	74.4	74.4	74.4	75.0	75.0	75.6
≥ 2000	.5	61.1	65.1	68.8	71.6	73.4	74.2	74.4	74.7	74.8	74.8	74.8	75.4	75.4	76.0
≥ 800	.5	61.1	65.1	68.9	71.7	73.5	74.3	74.6	74.8	75.0	75.0	75.0	75.5	75.5	76.2
≥ 1500	.5	61.5	65.7	69.7	72.7	74.4	75.2	75.5	75.9	76.0	76.0	76.0	76.6	76.6	77.3
≥ 1200	.5	61.8	65.9	70.1	73.1	74.8	75.6	75.9	76.6	76.7	76.7	76.7	77.3	77.3	77.9
≥ 1000	.5	61.8	66.1	70.7	73.9	75.6	76.6	76.9	77.5	77.7	77.7	77.7	78.2	78.2	78.9
≥ 900	.5	62.2	66.8	71.3	74.6	76.3	77.3	77.7	78.3	78.5	78.5	78.5	79.0	79.0	79.7
≥ 800	.5	62.3	66.9	71.6	74.8	76.7	77.8	78.2	78.9	79.0	79.0	79.0	79.5	79.5	80.2
≥ 700	.5	62.4	67.0	72.0	75.2	77.3	78.3	79.1	79.8	79.9	79.9	79.9	80.5	80.5	81.2
≥ 600	.5	62.6	67.3	73.2	76.4	78.7	79.9	80.9	81.7	81.8	81.8	81.8	82.4	82.4	83.0
≥ 500	.5	63.0	67.8	74.4	77.8	80.2	81.4	82.4	83.3	83.4	83.4	83.4	84.0	84.0	84.7
≥ 400	.5	63.0	67.8	75.0	78.6	81.6	83.3	84.4	85.7	86.1	86.1	86.1	86.8	86.8	87.5
≥ 300	.5	63.1	68.0	75.1	79.0	82.4	84.1	86.0	87.6	88.2	88.3	88.3	89.0	89.0	89.6
≥ 200	.5	63.1	68.0	75.2	79.3	82.8	84.8	87.3	89.6	91.5	91.9	92.1	92.9	92.9	93.7
≥ 100	.5	63.1	68.0	75.2	79.4	82.9	84.9	87.8	90.4	92.6	93.4	93.9	96.9	96.9	97.5
≥ 0	.5	63.1	68.0	75.2	79.4	82.9	84.9	87.8	90.4	92.6	93.4	93.9	97.0	97.2	98.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	10.1	41.7	43.5	45.8	47.8	48.3	49.1	49.6	50.0	50.3	50.7	50.7	50.9	50.9	51.5	52.0
≥ 2000	10.6	43.8	46.1	48.5	50.5	51.1	52.0	52.6	53.0	53.2	53.6	53.6	53.9	53.9	54.4	55.0
≥ 1800	10.6	43.8	46.1	48.5	50.5	51.1	52.0	52.6	53.0	53.2	53.6	53.6	53.9	53.9	54.4	55.0
≥ 1600	10.6	43.8	46.1	48.5	50.5	51.1	52.0	52.6	53.0	53.2	53.6	53.6	53.9	53.9	54.4	55.0
≥ 1400	10.6	43.8	46.1	48.5	50.5	51.1	52.0	52.6	53.0	53.2	53.6	53.6	53.9	53.9	54.4	55.0
≥ 1200	10.6	43.8	46.1	48.5	50.5	51.1	52.0	52.6	53.0	53.2	53.6	53.6	53.9	53.9	54.4	55.0
≥ 1000	11.4	46.6	49.5	52.0	54.3	55.1	56.2	56.7	57.1	57.4	57.8	57.8	58.1	58.1	58.6	59.1
≥ 900	11.4	46.6	49.5	52.0	54.3	55.1	56.2	56.7	57.1	57.4	57.8	57.8	58.1	58.1	58.6	59.1
≥ 800	11.6	47.8	50.7	53.2	55.8	56.6	57.8	58.6	59.1	59.4	59.8	59.8	60.1	60.1	60.6	61.2
≥ 700	11.6	47.8	50.7	53.2	55.8	56.6	57.8	58.6	59.1	59.4	59.8	59.8	60.1	60.1	60.6	61.2
≥ 600	12.0	49.2	52.4	55.1	57.7	58.6	59.8	60.6	61.2	61.4	61.8	61.8	62.1	62.1	62.6	63.2
≥ 500	12.2	50.3	53.5	56.3	58.9	59.8	61.0	61.8	62.4	62.6	63.0	63.0	63.3	63.3	63.8	64.4
≥ 450	12.4	50.4	53.6	56.3	59.0	59.9	61.2	62.0	62.5	62.8	63.2	63.2	63.4	63.4	64.0	64.5
≥ 400	12.6	52.0	55.2	58.2	60.9	61.8	63.2	64.0	64.5	64.8	65.2	65.2	65.5	65.5	66.0	66.5
≥ 350	12.9	52.6	55.8	58.9	61.6	62.5	63.8	64.7	65.3	65.5	65.9	65.9	66.1	66.1	66.7	67.2
≥ 300	13.0	53.1	56.3	59.5	62.2	63.2	64.8	65.6	66.1	66.4	66.8	66.8	67.1	67.1	67.6	68.1
≥ 250	13.3	54.6	57.8	61.4	64.1	65.1	66.8	67.6	68.1	68.4	68.8	68.8	69.1	69.1	69.6	70.2
≥ 200	13.3	55.0	58.3	62.1	64.8	65.7	67.5	68.3	68.8	69.4	69.8	69.8	70.0	70.0	70.6	71.1
≥ 180	13.3	55.1	58.5	62.2	65.1	66.0	67.9	68.7	69.2	69.8	70.2	70.2	70.4	70.4	71.0	71.5
≥ 150	13.4	55.6	59.0	62.8	65.9	66.8	68.7	69.6	70.3	70.8	71.2	71.2	71.5	71.5	72.1	72.6
≥ 120	13.4	56.5	60.1	63.8	66.9	67.9	69.9	70.8	71.5	72.0	72.4	72.4	72.7	72.7	73.3	73.8
≥ 100	13.4	56.5	60.2	64.1	67.3	68.3	70.3	71.2	71.9	72.4	72.8	72.8	73.1	73.1	73.7	74.2
≥ 90	13.4	56.7	60.6	64.7	68.0	69.0	71.0	71.9	72.6	73.1	73.5	73.5	73.8	73.8	74.3	74.9
≥ 80	13.4	57.3	61.2	65.6	69.0	70.2	72.2	73.1	73.9	74.5	74.9	74.9	75.1	75.1	75.7	76.2
≥ 70	13.4	57.4	61.4	66.1	69.6	71.0	73.1	74.1	75.0	75.5	75.9	75.9	76.2	76.2	76.7	77.3
≥ 60	13.4	57.5	61.6	66.5	70.3	72.0	74.3	75.3	76.5	77.0	77.4	77.4	77.7	77.7	78.2	78.8
≥ 50	13.4	57.7	61.8	66.9	70.8	72.8	75.3	76.7	78.0	78.5	78.9	78.9	79.2	79.2	79.7	80.2
≥ 40	13.4	57.7	62.2	67.5	72.2	74.3	77.0	78.8	80.2	80.9	81.3	81.3	81.7	81.7	82.3	82.8
≥ 30	13.4	57.7	62.2	67.6	72.6	74.9	78.0	80.4	82.1	83.1	83.6	83.6	84.3	84.3	84.9	85.5
≥ 20	13.4	57.7	62.2	67.7	72.8	75.1	78.6	82.1	84.9	87.0	88.3	88.4	90.1	90.2	91.0	91.8
≥ 10	13.4	57.7	62.2	67.7	72.8	75.1	79.2	82.7	85.6	88.0	89.8	90.1	92.6	92.7	94.9	96.9
≥ 0	13.4	57.7	62.2	67.7	72.8	75.1	79.2	82.7	85.6	88.0	89.8	90.1	92.6	92.7	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

RANGOP INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2600  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 2000	36.3	41.5	42.3	44.0	46.0	46.6	47.7	47.8	47.8	48.3	48.3	48.3	48.4	48.4	48.7	48.9
≥ 1800	38.3	43.7	44.9	46.4	48.7	49.5	50.7	50.8	50.9	51.2	51.2	51.2	51.5	51.5	51.7	52.0
≥ 1600	38.4	43.8	44.9	46.5	48.8	49.6	50.8	50.9	50.9	51.3	51.3	51.3	51.6	51.6	51.9	52.2
≥ 1400	38.4	43.8	44.9	46.5	48.8	49.6	50.8	50.9	50.9	51.3	51.3	51.3	51.6	51.6	51.9	52.2
≥ 1200	38.6	44.0	45.0	46.6	48.9	49.7	50.9	51.1	51.1	51.5	51.5	51.5	51.7	51.7	52.0	52.3
≥ 1000	39.2	44.6	45.7	47.3	49.6	50.5	51.7	51.9	51.9	52.3	52.3	52.3	52.6	52.6	52.8	53.1
≥ 800	42.1	48.0	49.3	51.1	53.5	54.4	55.8	55.9	55.9	56.5	56.5	56.5	56.7	56.7	57.1	57.4
≥ 700	42.5	48.4	49.7	51.5	53.9	54.8	56.2	56.3	56.3	56.9	56.9	56.9	57.1	57.1	57.5	57.8
≥ 600	43.3	50.0	51.7	53.5	55.9	56.9	58.5	58.6	58.6	59.1	59.1	59.1	59.4	59.4	59.8	60.1
≥ 500	44.5	51.6	53.4	55.1	57.5	58.6	60.2	60.3	60.3	60.9	60.9	60.9	61.2	61.2	61.6	61.8
≥ 450	45.4	52.6	54.3	56.0	58.6	59.7	61.4	61.8	61.8	62.4	62.4	62.4	62.6	62.6	63.0	63.3
≥ 400	46.2	53.4	55.1	56.9	59.5	60.6	62.6	63.3	63.4	64.0	64.0	64.0	64.2	64.2	64.7	64.9
≥ 350	46.8	54.0	55.8	57.7	60.3	61.4	63.4	64.1	64.2	64.8	64.8	64.8	65.1	65.1	65.5	65.7
≥ 300	47.4	55.1	57.0	59.3	62.1	63.2	65.3	66.0	66.1	66.7	66.7	66.7	66.9	66.9	67.3	67.6
≥ 250	47.4	55.1	57.0	59.5	62.4	63.4	65.6	66.3	66.4	66.9	66.9	66.9	67.2	67.2	67.6	67.9
≥ 200	47.7	55.4	57.3	60.1	63.2	64.4	66.5	67.2	67.3	67.9	67.9	67.9	68.1	68.1	68.5	68.8
≥ 180	48.7	56.5	58.3	61.2	64.4	65.6	67.7	68.4	68.5	69.1	69.1	69.1	69.4	69.4	69.8	70.0
≥ 160	48.9	57.0	58.9	61.7	64.9	66.1	68.3	69.0	69.1	69.6	69.6	69.6	69.9	69.9	70.3	70.6
≥ 140	49.1	57.1	59.0	61.8	65.1	66.3	68.4	69.1	69.2	69.8	69.8	69.8	70.0	70.0	70.4	70.7
≥ 120	49.1	57.1	59.1	62.0	65.2	66.4	68.8	69.5	69.6	70.2	70.2	70.2	70.4	70.4	70.8	71.1
≥ 100	49.3	57.9	59.9	62.8	66.0	67.2	69.6	70.3	70.4	71.0	71.0	71.0	71.2	71.2	71.6	71.9
≥ 90	49.7	58.5	60.5	63.6	66.9	68.1	70.6	71.2	71.4	72.0	72.0	72.0	72.3	72.3	72.7	73.0
≥ 80	49.7	58.5	60.5	64.1	67.5	68.7	71.2	71.9	72.0	72.7	72.7	72.7	73.0	73.0	73.4	73.7
≥ 70	49.9	58.7	61.2	64.5	68.0	69.5	72.0	72.7	73.0	73.7	73.7	73.7	73.9	73.9	74.3	74.6
≥ 60	50.1	59.1	62.0	65.7	69.6	71.2	74.3	75.1	75.5	76.2	76.2	76.2	76.5	76.5	76.9	77.2
≥ 50	50.1	59.4	62.5	66.5	70.8	72.7	75.9	76.9	77.3	78.1	78.1	78.1	78.4	78.4	78.8	79.2
≥ 40	50.1	59.6	63.2	67.7	73.3	75.4	79.2	80.1	80.6	81.6	81.6	81.6	81.9	81.9	82.3	82.5
≥ 30	50.1	59.6	63.3	68.0	73.9	76.5	80.9	82.0	83.5	84.9	84.9	84.9	85.2	85.2	85.6	85.9
≥ 20	50.1	59.6	63.3	68.1	74.5	77.4	82.7	84.1	87.0	89.0	89.5	89.7	90.1	90.1	90.6	90.9
≥ 10	50.1	59.6	63.3	68.1	74.5	77.6	82.9	84.5	88.0	90.9	91.5	91.8	92.9	93.1	94.0	94.4
≥ 0	50.1	59.6	63.3	68.1	74.5	77.6	82.9	84.5	88.0	90.9	91.7	92.1	94.0	94.6	96.1	97.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	40.3	46.1	48.7	50.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	43.8	50.3	53.2	55.2	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	43.8	50.3	53.2	55.2	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	43.8	50.3	53.2	55.2	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	44.4	50.9	53.9	55.9	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	45.6	52.2	55.1	57.1	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	46.5	53.6	56.7	58.7	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 9000	46.5	53.6	56.9	58.9	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	48.1	55.8	58.9	60.9	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 7000	48.7	56.3	59.5	61.6	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 6000	49.5	57.1	60.3	62.4	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	50.7	58.6	61.9	64.0	65.9	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4500	50.8	58.7	62.0	64.1	66.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	53.0	61.7	65.3	67.5	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3500	54.2	63.3	66.9	69.1	71.0	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	55.5	64.7	68.3	70.6	72.6	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	56.9	66.4	70.2	72.4	74.5	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2000	57.3	67.2	71.0	73.3	75.5	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	57.4	67.6	71.4	73.7	75.9	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1500	58.6	69.0	72.7	75.1	77.4	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1200	60.3	71.1	75.0	78.0	80.5	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1000	60.9	71.9	76.1	79.2	82.0	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 900	61.2	72.6	77.3	80.5	83.5	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 800	61.7	73.3	78.9	82.4	85.9	87.0	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 700	62.1	73.9	80.2	84.4	88.3	89.7	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 600	62.1	74.5	81.3	85.8	89.8	91.4	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 500	62.1	74.6	81.7	86.6	91.0	92.7	94.8	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	62.1	74.7	81.9	86.6	91.7	93.5	96.2	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	62.1	74.7	81.9	86.6	91.8	93.8	96.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	62.1	74.7	81.9	86.6	91.8	93.8	96.8	97.4	98.4	99.3	99.5	99.5	99.5	99.7	99.7	99.9
≥ 100	62.1	74.7	81.9	86.6	91.8	93.8	96.8	97.4	98.4	99.3	99.5	99.5	99.5	99.7	99.7	100.0
≥ 0	62.1	74.7	81.9	86.6	91.8	93.8	96.8	97.4	98.4	99.3	99.5	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14631  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO. CEILING ≥ 20000	41.2	47.7	49.3	49.5	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	45.7	51.9	52.8	54.0	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	45.8	52.0	53.0	54.2	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	46.2	52.4	53.4	54.6	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	47.3	53.5	54.4	55.6	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	49.1	55.6	56.7	57.9	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	50.1	56.9	57.9	59.1	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	51.5	58.7	59.8	61.2	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	52.4	59.8	60.9	62.2	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	53.6	61.8	62.9	64.2	65.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	55.6	64.0	65.1	66.4	67.9	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	57.4	65.7	66.8	68.1	69.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	60.5	69.2	70.3	71.6	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3500	61.6	70.4	71.5	73.0	74.5	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	63.6	73.3	74.3	75.8	77.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	64.4	74.5	76.1	78.0	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	65.6	75.9	77.8	79.7	82.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	65.7	76.1	78.2	80.1	82.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	66.9	77.8	80.4	82.3	85.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	68.1	79.4	82.3	84.4	87.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	69.4	81.2	84.3	87.0	90.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	69.6	81.7	85.1	87.8	91.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	69.9	82.3	86.7	88.8	93.0	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	69.9	82.3	86.2	89.2	93.4	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	70.0	82.7	86.7	89.8	94.1	95.3	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	70.0	82.7	86.7	90.1	95.2	96.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	70.0	82.7	86.8	90.2	95.8	97.4	98.4	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1
≥ 300	70.0	82.7	86.8	90.2	95.8	97.6	98.7	98.8	99.3	99.3	99.3	99.3	99.5	99.5	99.5
≥ 200	70.0	82.7	86.8	90.2	95.8	97.6	98.7	98.8	99.3	99.5	99.5	99.5	99.7	99.9	99.9
≥ 100	70.0	82.7	86.8	90.2	95.8	97.6	98.7	98.8	99.3	99.5	99.5	99.5	99.7	99.9	99.9
≥ 0	70.0	82.7	86.8	90.2	95.8	97.6	98.7	98.8	99.3	99.5	99.5	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
NO CEILING	45.2	50.3	51.2	52.2	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	49.9	55.4	56.5	57.4	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	49.9	55.4	56.5	57.4	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	49.9	55.4	56.5	57.4	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	50.7	56.3	57.4	58.3	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	51.5	57.1	58.2	59.4	61.0	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	53.4	59.4	60.5	61.7	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	54.2	60.2	61.3	62.5	64.1	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	58.1	64.7	66.0	67.3	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	60.2	67.1	68.4	69.8	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	62.2	69.4	70.7	72.0	74.1	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	63.2	70.4	71.8	73.1	75.4	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	64.0	71.2	72.6	73.9	76.2	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	65.5	73.1	74.6	75.9	78.5	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	66.7	74.9	76.5	78.0	80.5	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	67.3	75.8	77.7	79.3	81.9	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	68.1	76.9	79.0	81.0	84.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	69.6	78.5	80.6	82.9	85.9	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	69.8	79.6	80.8	83.1	86.2	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	69.8	78.8	81.2	83.5	86.8	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	70.2	79.3	81.9	84.5	88.2	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	70.4	80.2	82.9	85.8	89.5	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	70.4	80.4	83.3	86.4	90.2	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	70.4	80.5	83.5	86.6	90.7	91.9	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	70.7	81.0	84.0	87.4	91.9	93.3	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	70.7	81.2	84.1	87.5	92.7	94.1	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	70.7	81.2	84.1	88.0	94.0	95.4	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	70.7	81.2	84.3	88.2	94.2	96.1	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	70.7	81.2	84.3	88.2	94.2	96.1	97.7	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7
≥ 200	70.7	81.2	84.3	88.2	94.2	96.1	97.8	98.0	98.8	99.1	99.1	99.3	99.5	99.5	99.6	99.6
≥ 100	70.7	81.2	84.3	88.2	94.2	96.1	97.8	98.0	98.9	99.2	99.2	99.5	99.6	99.6	100.0	100.0
≥ 0	70.7	81.2	84.3	88.2	94.2	96.1	97.8	98.0	98.9	99.2	99.2	99.5	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/4	≥ 1/8
NO CEILING ≥ 20000	25.2	47.5	48.3	50.2	51.3	51.3	51.5	51.5	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8
≥ 18000 ≥ 6000	27.5	53.6	54.4	57.5	58.7	59.1	59.6	59.6	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9
≥ 14000 ≥ 2000	27.6	53.8	54.6	57.7	59.0	59.4	59.9	59.9	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.2
≥ 10000 ≥ 9000	28.4	55.2	56.0	59.1	60.3	60.7	61.2	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5
≥ 8000 ≥ 7000	29.1	56.3	57.1	60.2	61.4	61.8	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6
≥ 6000 ≥ 5000	29.9	58.3	59.2	62.3	63.5	63.9	64.5	64.5	64.6	64.7	64.7	64.7	64.9	64.9	64.9	64.9
≥ 4500 ≥ 4000	30.3	59.1	60.0	63.3	64.5	64.9	65.4	65.4	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 3500 ≥ 3000	31.6	62.3	63.4	66.9	68.1	68.5	69.0	69.0	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 2500 ≥ 2000	32.8	64.1	65.3	68.9	70.1	70.5	71.1	71.1	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.5
≥ 1500 ≥ 1000	33.9	65.9	67.3	71.1	72.4	72.9	73.5	73.5	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 800 ≥ 600	34.3	68.1	69.7	73.6	75.0	75.5	76.6	76.6	76.7	76.9	76.9	76.9	77.2	77.2	77.2	77.2
≥ 500 ≥ 400	34.6	68.9	70.5	74.4	75.8	76.3	77.4	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8
≥ 300 ≥ 200	35.1	71.1	72.8	76.7	78.1	78.6	79.8	79.8	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 100 ≥ 0	35.5	72.0	73.9	77.9	79.3	79.8	81.0	81.0	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6
≥ 500 ≥ 400	35.9	73.4	75.2	79.4	81.0	81.8	83.0	83.2	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 300 ≥ 200	36.5	74.4	76.4	80.6	82.2	83.0	84.3	84.4	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 100 ≥ 0	36.5	74.8	77.0	81.3	83.0	83.8	85.3	85.5	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 500 ≥ 400	36.9	74.8	77.0	81.3	83.2	84.0	85.5	85.6	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 300 ≥ 200	36.6	75.0	77.1	81.4	83.6	84.4	86.1	86.3	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 100 ≥ 0	36.7	75.9	78.3	82.6	85.1	85.9	87.6	87.8	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 500 ≥ 400	36.7	76.3	78.7	83.0	85.5	86.3	88.0	88.2	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 300 ≥ 200	36.7	76.9	79.4	83.7	86.4	87.2	89.0	89.1	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.8
≥ 100 ≥ 0	36.7	77.1	79.7	84.0	86.7	87.5	89.4	89.5	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2
≥ 500 ≥ 400	36.7	77.1	79.8	84.1	87.1	88.2	90.2	90.4	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 300 ≥ 200	36.7	77.1	80.1	84.8	88.6	89.9	91.9	92.2	92.5	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 100 ≥ 0	36.7	77.3	80.3	85.2	89.4	90.7	93.3	93.5	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 500 ≥ 400	36.7	77.3	80.5	85.5	90.2	91.7	95.0	95.4	95.8	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 300 ≥ 200	36.7	77.3	80.5	85.5	90.4	92.2	96.0	96.6	97.0	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 100 ≥ 0	36.7	77.3	80.5	85.5	90.4	92.2	96.1	96.8	97.6	98.3	98.5	98.5	98.7	98.7	98.8	98.8
≥ 500 ≥ 400	36.7	77.3	80.5	85.5	90.4	92.2	96.1	96.8	97.7	98.7	99.1	99.1	99.2	99.2	99.5	99.7
≥ 300 ≥ 200	36.7	77.3	80.5	85.5	90.4	92.2	96.1	96.8	97.7	98.7	99.1	99.1	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14501  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	.4	51.1	52.8	55.5	56.6	57.0	57.5	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3
≥ 20000	.4	54.0	56.0	59.1	60.3	61.3	61.8	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6
IV 18000	.4	54.2	56.2	59.3	60.5	61.4	62.0	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 16000	.4	54.2	56.2	59.3	60.5	61.4	62.0	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 14000	.4	54.3	56.3	59.4	60.6	61.6	62.1	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 12000	.4	54.6	56.6	59.7	60.9	61.8	62.4	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.2	63.2
IV 10000	.4	56.3	58.3	61.8	63.0	64.2	64.8	65.1	65.3	65.5	65.5	65.5	65.5	65.5	65.6	65.6
IV 9000	.4	56.6	58.6	62.1	63.4	64.7	65.2	65.5	65.7	65.9	65.9	65.9	65.9	65.9	66.1	66.1
IV 8000	.4	58.6	60.8	64.5	65.9	67.1	67.6	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4
IV 7000	.4	60.1	62.6	66.9	68.3	69.5	70.0	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8
IV 6000	.4	61.4	64.1	68.4	70.2	71.5	72.2	72.4	72.7	72.8	72.8	72.8	72.8	72.8	73.0	73.0
IV 5000	.4	63.2	66.3	70.8	72.6	73.9	74.6	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.4
IV 4500	.4	63.8	66.9	71.5	73.3	74.6	75.3	75.5	75.8	75.9	75.9	75.9	75.9	75.9	76.1	76.1
IV 4000	.4	65.5	68.7	73.4	75.1	76.5	77.2	77.4	77.7	77.8	77.8	77.8	77.8	77.8	78.2	78.2
IV 3500	.4	66.5	69.9	74.7	76.5	78.0	78.6	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
IV 3000	.4	67.1	70.4	75.7	77.4	79.0	79.7	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5
IV 2500	.4	67.5	70.8	76.2	78.4	80.0	80.6	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.5	81.5
IV 2000	.4	67.9	71.2	76.6	78.9	80.5	81.2	81.5	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0
IV 1800	.4	68.1	71.6	77.0	79.3	80.9	81.6	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.4	82.4
IV 1500	.4	68.3	72.0	78.0	80.2	81.9	82.5	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.5
IV 1200	.4	68.3	72.0	78.4	81.0	82.7	83.6	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.7	84.7
IV 1000	.4	68.7	72.6	79.3	82.3	83.9	84.8	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9
IV 900	.4	68.7	72.6	79.3	82.3	83.9	84.8	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9
IV 800	.4	69.0	73.1	80.0	82.9	84.5	85.5	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.6	86.6
IV 700	.4	69.2	73.4	80.6	84.0	85.6	86.6	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6
IV 600	.4	69.4	73.5	81.2	84.8	86.4	87.4	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4
IV 500	.4	69.4	73.7	82.0	85.9	87.6	88.6	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.7	89.7
IV 400	.4	69.4	73.7	82.5	86.8	89.4	90.3	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5
IV 300	.4	69.4	73.7	82.8	87.5	91.1	92.2	93.3	94.1	94.2	94.2	94.2	94.2	94.2	94.4	94.4
IV 200	.4	69.4	73.7	82.8	87.6	91.5	93.0	94.5	96.2	96.5	97.2	97.2	97.4	97.7	97.7	97.7
IV 100	.4	69.4	73.7	82.8	87.6	91.5	93.1	94.6	96.4	96.6	97.7	97.8	98.1	98.5	98.9	99.3
IV 0	.4	69.4	73.7	82.8	87.6	91.5	93.1	94.6	96.4	96.6	97.7	97.8	98.1	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	25.0	46.6	48.1	49.9	51.3	51.7	52.1	52.2	52.3	52.5	52.5	52.5	52.7	52.7	52.8	53.0
≥ 18000	27.1	50.3	52.0	54.1	55.7	56.3	56.8	56.9	57.1	57.2	57.2	57.2	57.4	57.4	57.6	57.7
≥ 16000	27.1	50.3	52.1	54.2	55.8	56.4	56.9	57.0	57.1	57.3	57.3	57.3	57.5	57.5	57.6	57.8
≥ 14000	27.1	50.3	52.1	54.2	55.8	56.4	56.9	57.0	57.1	57.3	57.3	57.3	57.5	57.5	57.6	57.8
≥ 12000	27.1	50.3	52.1	54.2	55.8	56.4	56.9	57.0	57.1	57.3	57.3	57.3	57.5	57.5	57.6	57.8
≥ 10000	27.1	50.3	52.1	54.2	55.8	56.4	56.9	57.0	57.1	57.3	57.3	57.3	57.5	57.5	57.6	57.8
≥ 8000	28.1	51.6	53.3	55.5	57.2	57.8	58.3	58.4	58.5	58.7	58.7	58.7	58.9	58.9	59.0	59.2
≥ 6000	29.2	53.8	55.7	58.0	59.7	60.4	61.0	61.1	61.2	61.4	61.4	61.4	61.6	61.6	61.8	61.9
≥ 4000	29.5	54.3	56.2	58.5	60.3	61.0	61.5	61.6	61.8	61.9	62.0	62.0	62.1	62.1	62.3	62.4
≥ 3000	30.6	56.5	58.5	60.9	62.8	63.5	64.1	64.3	64.4	64.6	64.6	64.6	64.8	64.8	65.0	65.1
≥ 2000	31.4	57.8	60.0	62.5	64.4	65.2	65.7	65.9	66.1	66.2	66.3	66.3	66.4	66.4	66.6	66.7
≥ 1500	32.2	59.1	61.3	63.9	65.9	66.8	67.4	67.6	67.8	67.9	68.0	68.0	68.1	68.2	68.3	68.5
≥ 1000	32.9	60.5	62.9	65.5	67.6	68.5	69.2	69.5	69.7	69.8	69.9	69.9	70.0	70.0	70.2	70.3
≥ 800	33.4	61.2	63.6	66.2	68.3	69.2	69.9	70.2	70.4	70.5	70.6	70.6	70.7	70.7	70.9	71.0
≥ 600	34.4	63.3	65.8	68.6	70.7	71.6	72.4	72.7	72.9	73.0	73.1	73.1	73.2	73.2	73.4	73.5
≥ 400	34.9	64.4	66.9	69.8	71.9	72.8	73.7	73.9	74.1	74.3	74.3	74.3	74.5	74.5	74.7	74.8
≥ 300	35.5	65.4	68.0	71.1	73.3	74.4	75.3	75.5	75.7	75.9	75.9	75.9	76.1	76.1	76.3	76.4
≥ 200	36.1	66.4	69.2	72.4	74.9	75.9	76.8	77.1	77.3	77.4	77.5	77.5	77.6	77.7	77.8	78.0
≥ 100	36.5	67.2	70.0	73.3	75.9	77.0	77.9	78.2	78.4	78.6	78.6	78.6	78.8	78.8	78.9	79.1
≥ 50	36.6	67.3	70.2	73.5	76.1	77.2	78.2	78.5	78.7	78.8	78.9	78.9	79.0	79.0	79.2	79.4
≥ 0	36.9	67.9	70.9	74.3	77.1	78.2	79.3	79.6	79.8	80.0	80.0	80.0	80.2	80.2	80.4	80.5
≥ 1200	37.4	68.8	71.9	75.6	78.5	79.6	80.8	81.1	81.3	81.5	81.6	81.6	81.7	81.7	81.9	82.1
≥ 1000	37.7	69.4	72.7	76.6	79.7	80.9	82.0	82.4	82.6	82.8	82.9	82.9	83.0	83.0	83.2	83.3
≥ 900	37.8	69.7	73.2	77.2	80.5	81.6	82.8	83.2	83.4	83.6	83.7	83.7	83.8	83.8	84.0	84.2
≥ 800	37.9	70.1	73.8	77.9	81.4	82.7	84.0	84.4	84.7	84.9	84.9	84.9	85.1	85.1	85.3	85.4
≥ 700	38.0	70.3	74.3	78.7	82.4	83.8	85.3	85.7	86.1	86.3	86.4	86.4	86.5	86.5	86.7	86.9
≥ 600	38.0	70.5	74.6	79.4	83.4	85.1	86.7	87.2	87.6	87.9	87.9	87.9	88.1	88.1	88.3	88.4
≥ 500	38.0	70.7	74.9	80.1	84.7	86.5	88.4	89.0	89.4	89.7	89.8	89.8	89.9	89.9	90.1	90.2
≥ 400	38.0	70.7	75.1	80.5	85.4	87.6	89.8	90.6	91.3	91.8	91.8	91.8	92.0	92.0	92.2	92.3
≥ 300	38.0	70.7	75.1	80.5	85.7	88.2	90.8	91.8	93.0	93.6	93.7	93.8	94.0	94.0	94.2	94.4
≥ 200	38.0	70.7	75.1	80.6	85.8	88.3	91.1	92.4	94.1	95.2	95.7	95.8	96.4	96.5	96.8	97.0
≥ 100	38.0	70.7	75.1	80.6	85.8	88.4	91.2	92.6	94.4	95.6	96.2	96.4	97.5	97.6	98.4	99.0
≥ 0	38.0	70.7	75.1	80.6	85.8	88.4	91.2	92.6	94.4	95.6	96.2	96.4	97.5	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5950

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	.6	48.1	49.7	50.7	51.3	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.5	52.5	52.6
≥ 18000	.6	49.3	51.1	52.4	52.9	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.3	54.3	54.4
≥ 16000	.6	49.3	51.1	52.4	52.9	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.3	54.3	54.4
≥ 14000	.6	50.0	51.9	53.1	53.6	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.0	55.0	55.1
≥ 12000	.6	50.7	52.5	53.8	54.3	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7	55.7	55.8
≥ 10000	.6	51.5	53.6	54.9	55.6	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.2	57.2	57.4
≥ 9000	.6	52.5	54.7	56.0	56.7	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.3	58.3	58.5
≥ 8000	.6	54.2	56.7	57.9	58.8	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.6	60.7	60.8
≥ 7000	.6	55.1	57.8	59.0	59.9	60.7	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.8	61.9	62.1
≥ 6000	.6	56.5	59.3	60.6	61.5	62.4	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.5	63.6	63.9
≥ 5000	.6	60.0	63.1	64.3	65.4	66.4	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.5	67.6	67.9
≥ 4500	.6	60.8	63.9	65.1	66.3	67.2	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.3	68.5	68.8
≥ 4000	.6	64.2	67.5	68.9	70.1	71.1	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.4	72.5	72.8
≥ 3500	.6	64.6	67.9	69.4	71.1	72.1	72.6	72.8	72.9	72.9	72.9	72.9	72.9	73.3	73.5	73.6
≥ 3000	.6	65.7	69.0	70.7	72.4	73.5	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.7	74.9	75.1
≥ 2500	.6	66.5	70.0	71.7	73.5	74.6	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.8	76.1	76.3
≥ 2000	.6	68.2	71.9	73.8	75.8	76.9	77.5	77.6	77.8	77.8	77.8	77.8	77.8	78.2	78.3	78.6
≥ 1800	.6	68.5	72.1	74.2	76.3	77.4	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.8	78.9	79.2
≥ 1500	.6	68.8	72.5	74.7	76.8	77.9	78.6	78.8	78.9	78.9	78.9	78.9	78.9	79.3	79.4	79.7
≥ 1200	.6	69.9	73.6	76.1	78.3	79.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7	81.1	81.3	81.5
≥ 1000	.6	70.1	74.0	76.7	78.9	80.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.8	81.9	82.2
≥ 900	.6	70.3	74.3	77.1	79.3	80.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.4	82.5	82.6
≥ 800	.6	70.4	74.6	77.9	80.1	81.7	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.5	83.6	83.9
≥ 700	.6	70.6	74.7	78.6	81.3	82.8	84.4	84.6	84.7	84.7	84.7	84.7	84.7	85.1	85.3	85.6
≥ 600	.6	70.8	75.6	80.0	82.8	84.4	86.3	86.4	86.7	86.7	86.7	86.7	86.7	87.1	87.2	87.5
≥ 500	.6	70.8	75.7	80.1	83.6	85.3	87.6	88.1	88.5	88.5	88.5	88.5	88.5	88.9	89.0	89.3
≥ 400	.6	71.0	75.8	80.8	84.7	86.5	89.3	89.7	90.3	90.3	90.3	90.3	90.3	90.7	90.8	91.1
≥ 300	.6	71.0	75.8	81.4	85.4	87.4	90.6	91.0	91.9	92.1	92.1	92.1	92.1	92.5	92.6	92.9
≥ 200	.6	71.0	75.8	81.4	85.7	87.6	90.8	91.5	92.8	93.2	93.3	93.3	93.3	94.2	94.3	94.6
≥ 100	.6	71.0	75.8	81.4	85.8	87.8	91.0	91.8	93.3	93.9	94.4	94.7	94.7	95.7	95.8	96.2
≥ 0	.6	71.0	75.8	81.4	85.8	87.8	91.0	91.8	93.3	93.9	94.4	94.7	94.7	95.8	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671  
STATION

DANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

CE  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024
NO CEILING	6.5	45.3	46.3	47.2	47.6	47.8	48.3	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9
≥ 2700	6.5	46.9	48.3	49.4	50.1	50.3	50.8	51.1	51.3	51.4	51.4	51.4	51.4	51.9	52.2
≥ 2400	6.5	46.9	48.3	49.4	50.1	50.3	50.8	51.1	51.3	51.4	51.4	51.4	51.4	51.9	52.2
≥ 2100	6.5	46.9	48.3	49.4	50.1	50.3	50.8	51.1	51.3	51.4	51.4	51.4	51.4	51.9	52.2
≥ 1800	6.5	47.1	48.5	49.6	50.3	50.4	51.0	51.3	51.4	51.5	51.5	51.5	52.1	52.2	52.4
≥ 1500	6.5	47.6	49.3	50.1	50.8	51.0	51.5	51.8	51.9	52.1	52.1	52.1	52.6	52.6	52.9
≥ 1200	6.9	49.0	50.6	51.7	52.4	52.8	53.3	53.6	53.9	54.2	54.7	54.7	54.7	55.3	55.6
≥ 900	6.9	49.7	51.3	52.4	53.1	53.5	54.0	54.3	54.6	54.7	54.7	54.7	55.3	55.3	55.6
≥ 800	7.1	51.3	52.8	53.9	54.6	55.1	55.7	56.3	56.5	56.7	56.7	56.7	57.2	57.2	57.5
≥ 700	7.1	51.8	53.1	54.2	54.9	55.4	56.0	56.5	56.8	57.1	57.1	57.1	57.6	57.6	57.9
≥ 600	7.1	52.9	54.6	55.7	56.5	57.1	58.1	58.6	58.9	59.2	59.2	59.2	59.7	59.7	59.9
≥ 500	7.5	55.3	57.4	58.5	59.3	59.9	61.1	61.7	61.9	62.4	62.4	62.4	62.9	62.9	63.2
≥ 450	7.6	55.6	57.6	58.8	59.7	60.3	61.5	62.1	62.4	62.8	62.8	62.8	63.3	63.3	63.6
≥ 400	7.6	57.9	62.3	61.4	62.9	63.8	65.3	65.8	66.1	66.5	66.5	66.5	67.1	67.1	67.4
≥ 350	7.9	59.6	61.9	63.2	64.7	65.6	67.1	67.6	67.9	68.3	68.3	68.3	68.9	68.9	69.2
≥ 300	7.9	60.7	63.1	64.3	65.8	66.8	68.3	68.9	69.2	69.6	69.6	69.6	70.1	70.1	70.4
≥ 250	8.1	62.2	64.6	66.1	67.6	68.9	70.4	71.0	71.3	71.7	71.7	71.7	72.2	72.2	72.5
≥ 200	8.2	63.5	65.8	67.6	69.3	70.7	72.4	72.9	73.2	73.6	73.6	73.6	74.2	74.2	74.4
≥ 180	8.2	63.5	65.8	67.6	69.3	70.7	72.4	72.9	73.2	73.6	73.6	73.6	74.2	74.2	74.4
≥ 160	8.2	63.9	66.3	68.3	70.1	71.5	73.2	73.8	74.0	74.4	74.4	74.4	75.0	75.0	75.3
≥ 140	8.2	64.2	66.8	69.4	71.3	72.6	74.3	74.9	75.1	75.6	75.6	75.6	76.1	76.1	76.4
≥ 120	8.2	64.6	67.2	70.0	72.1	73.5	75.1	75.7	76.0	76.4	76.4	76.4	76.9	76.9	77.2
≥ 100	8.2	64.6	67.4	70.6	72.6	74.0	75.8	76.4	76.7	77.1	77.1	77.1	77.6	77.6	77.9
≥ 90	8.2	65.6	68.3	71.8	74.0	75.6	77.5	78.1	78.3	78.8	78.8	78.8	79.3	79.3	79.6
≥ 80	8.2	65.6	68.3	71.8	74.0	75.6	77.5	78.1	78.3	78.8	78.8	78.8	79.3	79.3	79.6
≥ 70	8.2	65.6	69.0	73.5	76.3	77.9	79.9	80.4	80.7	81.1	81.1	81.1	81.7	81.7	81.9
≥ 60	8.2	66.5	70.0	75.0	77.8	79.7	81.7	82.2	82.8	83.3	83.3	83.3	83.9	83.9	84.2
≥ 50	8.2	66.7	70.6	75.7	78.8	81.4	84.2	84.9	85.6	86.1	86.1	86.1	86.7	86.7	86.9
≥ 40	8.2	66.8	70.8	76.3	79.3	82.4	85.4	86.1	87.1	87.8	87.8	87.8	88.3	88.3	88.6
≥ 30	8.2	66.8	71.0	76.7	80.0	83.1	87.1	87.8	89.0	89.9	89.9	89.9	90.6	90.6	90.8
≥ 20	8.2	66.8	71.0	76.7	80.1	83.6	87.6	88.3	90.3	91.3	91.3	91.3	92.2	92.2	92.6
≥ 10	8.2	66.8	71.0	76.7	80.1	83.6	87.6	88.5	90.7	91.7	91.8	91.8	93.6	93.6	95.1
≥ 0	8.2	66.8	71.0	76.7	80.1	83.6	87.6	88.5	90.8	91.8	91.9	91.9	93.8	93.8	96.1

TOTAL NUMBER OF OBSERVATIONS 70

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14801  
STATION

LANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0600  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.2	≥ 1.4	≥ 1.6	≥ 1.8	≥ 2.0
NO RECORD	39.2	42.1	42.5	43.5	43.8	43.9	44.2	44.3	44.3	44.6	44.6	44.6	45.1	45.1	45.7	46.3
≥ 2000	42.4	45.8	46.7	47.6	48.2	48.3	48.9	49.0	49.2	49.4	49.4	49.4	50.0	50.0	50.6	51.1
≥ 1800	42.6	46.1	46.9	47.9	48.5	48.6	49.2	49.3	49.4	49.7	49.7	49.7	50.3	50.3	50.8	51.4
≥ 1600	42.8	46.3	47.1	48.1	48.6	48.8	49.3	49.4	49.6	49.9	49.9	49.9	50.4	50.4	51.0	51.6
≥ 1400	43.9	47.4	48.2	49.4	50.0	50.1	50.7	50.8	51.0	51.3	51.3	51.3	51.8	51.8	52.4	53.0
≥ 1200	44.2	47.9	48.8	50.0	50.6	50.7	51.3	51.4	51.5	51.6	51.8	51.8	52.4	52.4	52.9	53.5
≥ 1000	44.9	48.6	49.6	50.8	52.1	52.4	52.9	53.1	53.2	53.5	53.5	53.5	54.0	54.0	54.6	55.1
≥ 800	45.3	49.0	50.0	51.3	52.5	52.8	53.3	53.5	53.6	53.9	53.9	53.9	54.4	54.4	55.0	55.6
≥ 600	46.5	50.6	51.5	52.8	54.0	54.3	55.0	55.4	55.6	55.8	55.8	55.8	56.4	56.4	56.9	57.5
≥ 400	47.4	51.4	52.4	53.6	54.9	55.1	55.9	56.3	56.4	56.7	56.7	56.7	57.2	57.2	57.8	58.3
≥ 200	48.2	52.2	53.2	54.6	55.8	56.1	56.8	57.2	57.4	57.6	57.6	57.6	58.2	58.2	58.8	59.3
≥ 100	49.0	53.3	54.4	55.8	57.2	57.6	58.3	58.9	59.0	59.3	59.4	59.6	60.1	60.1	60.7	61.3
≥ 50	49.4	53.9	55.4	56.8	58.2	58.6	59.3	59.9	60.0	60.3	60.4	60.6	61.1	61.1	61.7	62.3
≥ 0	51.1	56.0	57.8	59.3	60.8	61.5	62.2	62.9	63.1	63.5	63.6	63.8	64.3	64.3	64.9	65.4
≥ 2500	51.4	56.7	58.9	60.4	62.2	63.1	63.8	64.4	64.6	65.0	65.1	65.3	65.8	65.8	66.4	66.9
≥ 2000	54.0	59.7	61.9	63.8	65.7	66.7	67.5	68.2	68.3	68.8	68.9	69.0	69.6	69.6	70.1	70.8
≥ 1800	55.0	61.0	63.2	65.1	67.1	68.1	68.9	69.6	69.7	70.1	70.3	70.4	71.0	71.0	71.5	72.2
≥ 1600	55.3	61.9	64.2	66.1	68.2	69.2	70.0	70.7	70.8	71.4	71.5	71.7	72.4	72.4	72.9	73.6
≥ 1400	55.8	61.9	64.2	66.3	68.3	69.3	70.1	70.8	71.7	71.5	71.7	71.8	72.5	72.5	73.1	73.8
≥ 1200	56.1	62.2	64.6	66.7	68.8	69.7	70.6	71.3	71.4	71.9	72.1	72.2	72.9	72.9	73.5	74.2
≥ 1000	56.5	63.5	65.8	67.9	70.3	71.3	72.2	72.9	73.1	73.6	73.8	73.9	74.6	74.6	75.1	75.8
≥ 800	56.9	64.3	66.7	68.9	71.3	72.5	73.5	74.3	74.4	75.0	75.1	75.3	76.0	76.0	76.5	77.2
≥ 600	56.9	65.1	67.5	69.9	72.4	73.6	74.7	75.6	75.7	76.3	76.4	76.5	77.2	77.2	77.8	78.5
≥ 400	56.9	65.1	67.5	70.0	72.9	74.7	76.3	77.1	77.2	77.8	77.9	78.1	78.8	78.8	79.3	80.0
≥ 200	56.9	65.6	67.9	70.8	74.0	75.8	77.1	78.2	78.3	78.9	79.0	79.2	79.9	79.9	80.4	81.1
≥ 100	57.1	66.3	68.8	71.7	74.9	76.9	78.5	79.6	79.7	80.3	80.4	80.6	81.3	81.3	81.8	82.5
≥ 50	57.1	66.4	69.0	71.9	75.4	77.6	79.9	81.3	81.4	82.1	82.4	82.5	83.3	83.3	83.9	84.6
≥ 0	57.1	66.5	69.6	72.6	76.5	78.9	81.3	83.2	83.5	84.3	84.6	84.7	85.6	85.6	86.1	86.8
≥ 2500	57.1	66.5	69.6	72.8	76.7	79.2	82.8	85.0	85.6	86.7	87.2	87.4	88.3	88.3	89.0	89.7
≥ 2000	57.1	66.5	69.6	72.8	76.7	79.4	83.5	85.8	87.2	88.5	89.3	89.7	91.0	91.1	92.1	93.1
≥ 1800	57.1	66.5	69.6	72.8	76.7	79.4	83.5	86.0	87.4	88.8	89.9	90.4	92.2	92.5	94.6	96.9
≥ 1600	57.1	66.5	69.6	72.8	76.7	79.4	83.5	86.0	87.4	88.9	90.0	90.7	92.6	92.9	95.1	97.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601 BANGOR INTERNATIONAL

73-80

SLP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING ≥ 20000	46.9	47.6	48.5	49.1	49.7	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	49.9	53.9	52.7	52.7	53.4	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	50.1	51.0	52.2	52.9	53.5	53.5	53.7	53.8	53.9	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 14000	50.2	51.2	52.3	53.0	53.7	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	51.6	53.0	54.1	54.8	55.5	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	52.2	53.7	54.8	55.5	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 8000	52.9	54.7	55.9	56.6	57.4	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 6000	53.0	54.8	56.1	56.7	57.6	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4000	55.1	57.0	58.6	59.4	60.4	60.5	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 2000	55.8	57.7	59.5	60.4	61.3	61.5	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 1000	56.6	58.7	60.5	61.3	62.3	62.4	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 500	58.6	60.6	62.7	63.6	64.5	64.7	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 200	59.1	61.2	63.3	64.4	65.4	65.5	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 100	62.7	64.8	66.9	68.2	69.1	69.5	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 50	64.3	67.9	70.0	71.2	72.3	72.7	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20	65.3	69.8	72.3	73.6	74.7	75.2	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10	67.2	71.3	73.9	75.4	76.5	77.2	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5	68.3	72.9	75.7	77.2	78.6	79.4	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2	68.8	73.6	76.4	77.9	79.3	80.1	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1	69.4	74.5	77.5	79.0	80.5	81.4	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 0.5	70.4	76.4	79.6	81.2	82.8	83.6	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 0.2	70.9	77.6	80.9	82.6	84.1	85.1	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 0.1	71.2	78.2	81.5	83.3	85.3	86.2	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 0.05	71.7	78.4	82.1	83.9	86.0	87.2	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 0.02	71.3	79.0	82.8	84.7	87.3	88.7	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 0.01	71.5	79.6	83.4	85.7	88.9	90.3	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 0.005	71.5	79.8	84.0	86.5	90.4	92.2	94.0	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 0.002	71.6	80.0	84.4	86.9	91.0	92.9	95.3	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0.001	71.6	80.0	84.4	86.9	91.2	93.2	96.4	97.2	97.5	98.2	98.3	98.3	98.3	98.5	98.5	98.5
≥ 0.0005	71.6	80.0	84.4	86.9	91.2	93.2	96.4	97.5	98.2	99.0	99.3	99.3	99.3	99.6	99.6	99.6
≥ 0.0002	71.6	80.0	84.4	86.9	91.2	93.2	96.4	97.5	98.2	99.0	99.3	99.3	99.3	99.9	100.0	100.0
≥ 0.0001	71.6	80.0	84.4	86.9	91.2	93.2	96.4	97.5	98.2	99.0	99.3	99.3	99.3	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14611  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-87  
YEARS

1957  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1700-1400  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO RECORD	43.3	44.6	45.3	45.7	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 27000	48.1	49.4	50.1	50.6	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	48.1	49.4	50.1	50.6	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 15000	43.2	49.6	50.3	50.7	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	49.3	50.7	51.4	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 12000	50.7	51.7	52.4	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	51.0	52.8	53.6	54.0	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 9000	51.1	53.1	53.9	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	55.0	57.1	57.9	58.3	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 7000	56.7	58.8	59.6	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 6000	57.9	60.0	60.8	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000	60.6	63.2	64.4	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	61.9	64.6	65.8	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	66.8	69.7	71.0	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	69.6	73.1	74.3	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	71.3	75.7	77.1	77.5	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	72.5	77.4	79.0	79.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	74.6	80.7	81.9	82.4	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1800	75.0	80.7	82.6	83.1	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	75.7	81.5	83.5	83.9	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	76.3	83.2	85.3	86.0	86.8	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	76.7	84.4	86.9	87.8	89.2	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	76.9	84.9	87.4	88.2	90.1	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	77.2	85.6	88.7	88.9	91.1	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	77.2	86.1	88.8	89.6	92.1	92.6	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	77.4	86.9	90.0	91.0	93.8	94.4	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	77.4	87.5	90.7	91.8	95.0	95.7	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	77.4	87.5	90.8	92.1	95.3	96.3	97.5	97.6	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 300	77.4	87.6	91.0	92.2	95.8	96.9	98.3	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 200	77.4	87.6	91.0	92.2	95.8	96.9	98.5	98.8	99.2	99.4	99.6	99.6	99.7	99.7	99.9	99.9
≥ 100	77.4	87.6	91.0	92.2	95.8	96.9	98.5	98.8	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0
≥ 0	77.4	87.6	91.0	92.2	95.8	96.9	98.5	98.8	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671

BANGOR INTERNATIONAL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.25	≥ 1.5	≥ 1.75	≥ 2	≥ 2.25	≥ 2.5	≥ 2.75	≥ 3	≥ 3.25	≥ 3.5	≥ 3.75
NO. CEILINGS ≥ 20000	46.5	48.1	48.6	49.0	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	49.1	51.0	51.9	52.4	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	49.1	51.0	51.9	52.4	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	50.0	52.1	53.1	53.6	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	51.1	53.8	54.7	55.1	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000	53.5	55.6	56.5	57.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	54.7	56.8	57.8	58.3	59.3	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 6000	59.2	61.7	62.9	63.8	64.7	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	59.6	62.4	63.5	64.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4500	60.1	63.2	64.6	65.4	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4000	63.1	66.3	68.3	69.2	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	65.0	68.2	70.3	71.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	68.1	71.9	74.2	75.0	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2500	70.1	74.0	76.3	77.1	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	72.1	76.4	78.9	79.7	81.0	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	73.9	79.0	81.9	82.8	84.0	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1600	74.4	79.9	82.9	83.9	85.1	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1400	75.1	80.6	83.8	84.7	86.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	76.1	81.5	84.7	85.7	87.2	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	76.3	82.2	85.4	86.5	88.5	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	76.3	82.5	85.7	87.1	89.3	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	76.5	82.8	86.1	87.6	90.0	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	76.5	83.1	86.5	88.2	91.7	92.6	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	76.5	83.3	87.4	89.3	93.2	94.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	76.5	83.5	87.5	89.7	93.8	94.9	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	76.5	83.6	87.6	90.1	94.4	95.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	76.5	83.6	87.6	90.1	94.4	96.0	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	76.5	83.6	87.6	90.1	94.6	96.1	98.3	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	76.5	83.6	87.6	90.1	94.6	96.1	98.3	99.0	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	76.5	83.6	87.6	90.1	94.6	96.1	98.3	99.0	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
A1- WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	15.1	51.3	51.3	51.9	52.4	52.5	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2000	15.7	53.8	54.2	54.9	55.7	56.1	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 1800	15.7	53.8	54.2	54.9	55.7	56.1	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 1600	15.7	53.8	54.2	54.9	55.7	56.1	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 1400	15.8	54.3	54.7	55.4	56.3	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1200	16.3	56.1	56.5	57.2	58.1	58.5	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 1000	16.8	58.5	59.2	60.0	60.8	61.3	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 900	16.9	58.9	59.6	60.4	61.3	61.7	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 800	17.9	63.1	63.8	64.7	65.6	66.4	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 700	18.2	63.5	64.2	65.3	66.1	66.9	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 600	18.2	64.3	65.0	66.1	67.1	67.9	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 500	18.5	66.3	67.2	68.5	69.4	70.3	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 450	19.0	68.1	69.0	70.3	71.3	72.1	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 400	19.3	70.8	72.1	73.3	74.6	75.4	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 350	19.7	72.4	73.9	75.1	76.4	77.4	77.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 300	20.0	74.4	76.3	77.5	78.8	79.7	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 250	20.9	76.4	78.2	79.6	80.8	81.8	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 200	21.3	77.8	79.6	81.0	82.2	83.2	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 180	21.3	77.9	79.7	81.1	82.4	83.3	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 150	21.3	79.1	80.0	81.4	82.6	83.6	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 120	21.3	79.6	80.7	82.1	83.3	84.3	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 100	21.3	79.4	81.5	83.3	85.1	86.3	86.5	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 90	21.3	79.9	81.9	83.8	85.7	86.9	87.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 80	21.3	80.0	82.5	85.0	87.2	88.5	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 70	21.3	80.0	82.5	85.0	87.8	89.0	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 60	21.3	80.1	82.8	85.8	88.9	90.6	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 50	21.3	80.4	83.2	86.5	89.9	91.7	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 40	21.3	80.6	83.8	87.1	90.7	92.9	94.4	95.0	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 30	21.3	81.0	83.9	87.5	91.3	93.5	95.0	95.7	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 20	21.3	81.0	83.9	87.5	91.4	93.6	95.4	96.5	98.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 10	21.3	81.0	83.9	87.5	91.4	93.6	95.4	96.5	98.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4
≥ 0	21.3	81.0	83.9	87.5	91.4	93.6	95.4	96.5	98.2	99.2	99.3	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	51.9	53.1	53.2	53.3	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.7
≥ 20000	52.9	54.0	54.3	54.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.3
≥ 18000	52.9	54.0	54.3	54.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.3
≥ 16000	52.9	54.0	54.3	54.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.3
≥ 14000	53.3	54.4	54.7	55.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.7
≥ 12000	54.6	55.7	56.0	56.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.9
≥ 10000	56.1	57.2	57.5	57.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.4
≥ 9000	56.1	57.2	57.5	57.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.4
≥ 8000	59.9	61.3	61.7	62.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.9
≥ 7000	61.5	63.1	63.5	64.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.7
≥ 6000	63.1	64.6	65.0	65.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.4
≥ 5000	64.4	66.1	66.7	67.2	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	69.0
≥ 4500	67.1	69.2	69.9	70.7	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.6
≥ 4000	68.1	70.6	71.3	72.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	74.0
≥ 3500	69.4	72.2	73.1	73.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	76.1
≥ 3000	70.7	73.5	74.6	75.4	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.9
≥ 2500	72.9	75.8	77.1	77.9	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.4
≥ 2000	73.1	76.1	77.4	78.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.7
≥ 1800	73.9	77.2	78.6	79.6	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	82.2
≥ 1600	74.9	78.2	79.9	80.7	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.6
≥ 1400	75.0	78.5	80.4	81.4	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.4
≥ 1200	75.6	79.4	81.5	82.6	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.7
≥ 1000	75.6	79.4	81.9	83.1	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.4
≥ 900	76.0	79.7	82.2	83.9	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	87.4
≥ 800	76.0	80.3	82.8	84.6	87.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.5
≥ 700	76.3	80.6	83.2	85.4	88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.9	89.9	90.3
≥ 600	76.5	80.8	83.6	86.5	89.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.7	91.7	92.1
≥ 500	76.8	81.5	84.7	87.8	91.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.6	93.6	94.0
≥ 400	76.8	81.5	84.7	87.8	91.3	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	95.1	95.1	95.7
≥ 300	76.8	81.5	84.7	87.8	91.4	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	96.1	96.1	96.5
≥ 200	76.8	81.5	84.7	87.8	91.4	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	96.4	96.4	96.9
≥ 100	76.8	81.5	84.7	87.8	91.4	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	96.7	96.7	97.5
≥ 0	76.8	81.5	84.7	87.8	91.4	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	97.4	97.4	98.2

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14671

BANGOR INTERNATIONAL

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	24.9	47.4	48.2	48.8	49.2	49.5	49.7	49.7	49.8	49.9	49.8	49.8	49.8	50.0	50.0	50.2
≥ 20000	26.5	50.0	51.1	51.8	52.3	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.5
≥ 18000	26.6	50.1	51.1	51.8	52.4	52.7	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.4	53.4	53.6
≥ 16000	26.6	50.1	51.2	51.9	52.4	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.7
≥ 14000	27.2	51.0	52.0	52.8	53.4	53.7	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.4	54.4	54.6
≥ 12000	27.7	52.0	53.0	53.8	54.4	54.7	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.4	55.4	55.6
≥ 10000	28.3	53.3	54.5	55.3	56.0	56.5	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.2	57.2	57.4
≥ 9000	28.6	53.9	55.1	55.9	56.6	57.0	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.7	57.7	57.9
≥ 8000	30.2	56.7	58.0	58.9	59.6	60.2	60.5	60.7	60.8	60.8	60.8	60.8	60.8	61.1	61.1	61.3
≥ 7000	30.7	57.5	58.9	59.8	60.6	61.1	61.5	61.7	61.8	61.8	61.8	61.8	61.8	62.0	62.1	62.3
≥ 6000	31.0	58.7	60.1	61.1	61.9	62.4	62.8	63.0	63.1	63.2	63.2	63.2	63.2	63.4	63.4	63.7
≥ 5000	32.2	61.0	62.8	63.7	64.6	65.1	65.6	65.8	65.9	66.0	66.0	66.0	66.1	66.3	66.3	66.5
≥ 4500	32.7	62.1	63.9	64.9	65.8	66.4	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.5	67.5	67.8
≥ 4000	34.5	65.3	67.4	68.4	69.5	70.1	70.7	70.9	71.0	71.1	71.1	71.1	71.1	71.3	71.4	71.6
≥ 3500	35.4	67.0	69.2	70.3	71.5	72.2	72.7	73.0	73.1	73.2	73.2	73.2	73.2	73.4	73.4	73.7
≥ 3000	36.5	69.0	71.3	72.5	73.7	74.5	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.8	75.8	76.1
≥ 2500	37.3	70.6	73.0	74.3	75.6	76.5	77.0	77.3	77.4	77.5	77.5	77.5	77.5	77.7	77.7	78.0
≥ 2000	37.9	72.1	74.7	76.1	77.5	78.4	79.0	79.2	79.3	79.5	79.5	79.5	79.5	79.7	79.7	80.0
≥ 1800	38.1	72.5	75.1	76.5	77.9	78.8	79.4	79.7	79.8	79.9	79.9	79.9	79.9	80.1	80.2	80.4
≥ 1500	38.4	73.1	75.8	77.3	78.8	79.7	80.3	80.6	80.7	80.8	80.8	80.8	80.8	81.0	81.1	81.3
≥ 1200	38.7	74.1	76.9	78.6	80.2	81.2	81.9	82.2	82.3	82.4	82.5	82.5	82.5	82.7	82.7	83.0
≥ 1000	38.9	74.8	77.7	79.6	81.4	82.5	83.3	83.6	83.7	83.8	83.9	83.9	83.9	84.1	84.1	84.4
≥ 900	39.0	75.2	78.2	80.2	82.3	83.4	84.2	84.5	84.6	84.8	84.8	84.8	84.8	85.0	85.0	85.3
≥ 800	39.0	75.5	78.6	80.9	83.1	84.5	85.3	85.7	85.8	86.0	86.0	86.0	86.0	86.2	86.2	86.5
≥ 700	39.0	75.8	79.0	81.6	84.3	85.7	86.6	87.0	87.2	87.3	87.3	87.3	87.3	87.5	87.6	87.8
≥ 600	39.1	76.2	79.8	82.7	85.6	87.2	88.4	88.8	89.0	89.1	89.2	89.2	89.2	89.4	89.4	89.7
≥ 500	39.1	76.4	80.2	83.2	86.5	88.4	90.1	90.6	90.9	91.1	91.1	91.1	91.1	91.4	91.4	91.7
≥ 400	39.1	76.6	80.5	83.7	87.3	89.4	91.5	92.2	92.6	92.8	92.8	92.8	92.9	93.1	93.1	93.4
≥ 300	39.1	76.7	80.6	84.0	87.8	90.0	92.6	93.3	94.0	94.5	94.6	94.6	94.6	94.9	94.9	95.2
≥ 200	39.1	76.7	80.6	84.0	87.9	90.2	92.9	93.9	95.0	95.7	95.8	95.9	96.4	96.4	96.6	96.8
≥ 100	39.1	76.7	80.6	84.0	87.9	90.3	93.0	94.0	95.3	96.0	96.3	96.5	97.2	97.4	98.0	98.6
≥ 0	39.1	76.7	80.6	84.0	87.9	90.3	93.0	94.0	95.3	96.0	96.4	96.6	97.3	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5759



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 12	≥ 15	≥ 20
NO. CEILING ≥ 20000	.1	45.4	46.4	47.4	47.7	47.8	48.0	48.1	48.1	48.1	48.3	48.3	48.5	48.5	48.9	48.9
≥ 18000	.1	48.7	49.6	51.1	51.3	51.5	51.6	51.7	51.7	51.7	51.9	51.9	52.2	52.2	52.6	52.6
≥ 16000	.1	48.7	49.6	51.1	51.3	51.5	51.6	51.7	51.7	51.7	51.9	51.9	52.2	52.2	52.6	52.6
≥ 14000	.1	49.1	50.0	51.5	51.7	51.9	52.0	52.2	52.2	52.2	52.3	52.3	52.6	52.6	53.0	53.0
≥ 12000	.1	49.3	50.3	51.7	52.2	52.3	52.4	52.6	52.6	52.6	52.7	52.7	53.0	53.0	53.4	53.4
≥ 10000	.4	50.8	51.7	53.4	53.8	54.0	54.2	54.3	54.3	54.3	54.4	54.4	54.7	54.7	55.1	55.1
≥ 9000	.4	51.2	52.3	53.9	54.3	54.6	54.7	54.8	54.8	54.8	55.0	55.0	55.2	55.2	55.6	55.6
≥ 8000	.5	53.1	54.2	55.9	56.5	56.7	56.9	57.0	57.0	57.0	57.1	57.1	57.4	57.4	57.8	57.8
≥ 7000	.5	54.3	55.5	57.3	57.8	58.1	58.2	58.3	58.3	58.3	58.5	58.5	58.7	58.7	59.1	59.1
≥ 6000	.5	57.1	58.3	60.1	60.8	61.0	61.2	61.3	61.3	61.3	61.4	61.4	61.7	61.7	62.1	62.1
≥ 5000	.5	59.7	61.2	63.2	63.8	64.1	64.2	64.4	64.4	64.4	64.5	64.5	64.8	64.8	65.2	65.2
≥ 4500	.5	60.3	62.0	64.1	64.8	65.1	65.2	65.3	65.3	65.3	65.5	65.5	65.7	65.7	66.1	66.1
≥ 4000	.5	62.6	64.2	66.4	67.2	67.5	67.6	67.7	67.7	67.7	67.9	67.9	68.1	68.1	68.5	68.5
≥ 3500	.5	64.4	66.0	68.1	69.2	69.5	69.6	69.8	69.8	69.8	69.9	69.9	70.2	70.2	70.6	70.6
≥ 3000	.5	66.3	68.0	70.2	71.2	71.5	71.6	71.8	71.8	71.8	71.9	71.9	72.2	72.2	72.6	72.6
≥ 2500	.5	67.9	69.8	72.0	73.3	73.5	73.7	73.8	73.8	73.8	73.9	73.9	74.2	74.2	74.6	74.6
≥ 2000	.5	69.5	71.6	74.1	75.3	75.7	75.8	75.9	75.9	75.9	76.1	76.1	76.3	76.3	76.7	76.7
≥ 1800	.5	69.9	72.0	74.5	75.7	76.1	76.2	76.3	76.3	76.3	76.5	76.5	76.7	76.7	77.2	77.2
≥ 1500	.5	70.2	72.3	75.1	76.6	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.7	77.7	78.1	78.1
≥ 1200	.7	71.5	73.8	77.2	79.0	79.6	79.7	79.8	79.8	79.8	80.0	80.0	80.2	80.2	80.6	80.6
≥ 1000	.7	72.6	74.9	78.4	80.5	81.2	81.3	81.5	81.5	81.5	81.6	81.6	81.9	81.9	82.3	82.3
≥ 900	.7	73.0	75.4	78.9	81.2	82.1	82.4	82.5	82.5	82.5	82.7	82.7	82.9	82.9	83.3	83.3
≥ 800	.7	73.7	76.1	80.2	82.7	83.9	84.4	84.5	84.5	84.5	84.7	84.7	84.9	84.9	85.3	85.3
≥ 700	.7	73.8	76.9	81.5	84.0	85.8	86.3	86.4	86.4	86.4	86.6	86.6	86.8	86.8	87.2	87.2
≥ 600	.7	74.2	77.7	82.8	85.6	87.6	88.3	88.4	88.4	88.4	88.8	88.8	89.1	89.1	89.5	89.5
≥ 500	.7	74.6	78.4	83.7	87.0	89.5	90.3	90.6	90.9	91.0	91.1	91.1	91.4	91.4	91.8	91.8
≥ 400	.7	75.0	79.2	85.2	89.1	91.7	92.9	93.5	93.8	94.0	94.1	94.1	94.4	94.4	94.8	94.8
≥ 300	.7	75.0	79.4	85.8	89.8	92.5	94.2	95.0	95.7	95.8	96.0	96.1	96.4	96.4	96.8	96.8
≥ 200	.7	75.1	79.6	85.9	90.1	92.9	94.8	95.8	96.5	97.0	97.2	97.3	97.7	97.7	98.1	98.1
≥ 100	.7	75.1	79.6	85.9	90.1	92.9	94.8	95.8	96.5	97.0	97.2	97.7	98.4	98.5	99.3	99.5
≥ 0	.7	75.1	79.6	85.9	90.1	92.9	94.8	95.8	96.5	97.0	97.2	97.7	98.4	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14001  
STATION

DANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

001  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	.1	44.7	45.9	46.3	46.4	46.6	46.7	46.8	47.0	47.1	47.1	47.1	47.2	47.2	47.5	47.5
≥ 18000	.1	47.6	48.9	49.7	49.8	49.9	50.1	50.2	50.3	50.5	50.5	50.5	50.6	50.6	50.9	50.9
≥ 16000	.1	47.6	48.9	49.7	49.8	49.9	50.1	50.2	50.3	50.5	50.5	50.5	50.6	50.6	50.9	50.9
≥ 14000	.1	48.1	49.3	50.1	50.2	50.3	50.5	50.6	50.7	50.9	50.9	50.9	51.0	51.0	51.3	51.3
≥ 12000	.1	48.3	49.5	50.3	50.5	50.6	50.7	50.9	51.0	51.1	51.1	51.1	51.3	51.3	51.5	51.5
≥ 10000	.3	50.1	51.3	52.1	52.5	52.6	52.8	52.9	53.0	53.2	53.3	53.4	53.4	53.6	53.6	53.6
≥ 9000	.3	50.3	51.5	52.4	52.8	52.9	53.0	53.2	53.3	53.4	53.4	53.4	53.6	53.6	53.8	53.8
≥ 8000	.4	51.4	52.8	53.7	54.1	54.2	54.4	54.5	54.6	54.8	54.8	54.8	54.9	54.9	55.2	55.2
≥ 7000	.4	51.8	53.3	54.2	54.6	54.8	54.9	55.0	55.2	55.3	55.3	55.3	55.5	55.5	55.7	55.7
≥ 6000	.4	53.4	54.9	56.1	56.5	56.7	56.8	56.9	57.1	57.2	57.2	57.2	57.3	57.3	57.6	57.6
≥ 5000	.4	57.3	59.0	60.3	60.7	60.8	61.2	61.4	61.5	61.6	61.6	61.6	61.8	61.8	62.0	62.0
≥ 4500	.4	58.5	60.3	61.6	62.0	62.2	62.6	62.7	62.9	63.0	63.0	63.0	63.1	63.1	63.4	63.4
≥ 4000	.4	61.2	63.0	64.3	65.0	65.1	65.5	65.7	65.8	65.9	65.9	65.9	66.1	66.1	66.4	66.4
≥ 3500	.4	63.0	64.7	66.2	67.2	67.3	67.7	67.8	68.7	68.1	68.1	68.1	68.2	68.2	68.5	68.5
≥ 3000	.4	64.3	66.2	67.7	68.6	68.3	69.3	69.4	69.7	69.9	69.9	69.9	70.0	70.0	70.3	70.3
≥ 2500	.4	65.1	67.2	68.9	70.1	70.3	70.8	70.9	71.2	71.3	71.3	71.3	71.5	71.5	71.7	71.7
≥ 2000	.4	67.0	69.3	71.5	72.8	73.1	73.6	73.8	74.0	74.2	74.2	74.2	74.3	74.3	74.6	74.6
≥ 1800	.4	67.4	69.7	71.9	73.2	73.6	74.2	74.3	74.6	74.7	74.7	74.7	74.8	74.8	75.1	75.1
≥ 1500	.4	67.8	70.1	72.3	73.9	74.4	75.1	75.2	75.5	75.6	75.6	75.6	75.8	75.8	76.0	76.0
≥ 1200	.4	70.3	72.9	75.4	77.0	77.7	78.5	78.6	78.9	79.0	79.0	79.0	79.1	79.1	79.4	79.4
≥ 1000	.4	70.8	73.5	75.9	77.8	78.5	79.3	79.4	79.7	79.9	79.9	79.9	80.1	80.1	80.3	80.3
≥ 900	.4	71.3	74.0	77.4	79.5	80.3	81.3	81.4	81.7	82.0	82.0	82.0	82.1	82.1	82.4	82.4
≥ 800	.4	72.0	75.0	78.5	80.9	81.7	82.6	82.8	83.2	83.4	83.4	83.4	83.6	83.6	83.8	83.8
≥ 700	.4	72.0	75.2	79.3	82.0	82.8	83.8	84.0	84.4	84.7	84.7	84.7	84.8	84.8	85.1	85.1
≥ 600	.4	72.5	76.2	81.0	84.1	85.3	86.7	86.9	87.3	87.6	87.8	87.8	87.9	87.9	88.2	88.2
≥ 500	.4	72.9	77.1	82.4	85.6	87.3	88.8	89.1	89.5	89.9	90.0	90.0	90.2	90.2	90.4	90.4
≥ 400	.4	73.1	77.7	83.6	87.6	89.6	91.5	91.9	92.3	92.7	92.9	92.9	93.0	93.0	93.3	93.3
≥ 300	.4	73.2	77.8	84.3	88.6	90.8	93.1	93.7	94.2	94.6	94.8	94.8	94.9	94.9	95.2	95.2
≥ 200	.4	73.2	77.8	84.3	88.6	91.1	93.4	94.3	95.2	96.0	96.1	96.1	96.4	96.4	97.0	97.0
≥ 100	.4	73.2	77.8	84.3	88.6	91.1	93.4	94.3	95.2	96.1	96.2	96.6	97.4	97.4	98.4	98.5
≥ 0	.4	73.2	77.8	84.3	88.6	91.1	93.4	94.3	95.2	96.1	96.2	96.6	97.6	97.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

DANGOP INTERNATIONAL

73-80

007

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	34.2	40.5	40.6	41.6	42.5	42.7	42.9	43.1	43.3	43.5	43.5	43.5	43.6	43.6	43.6	43.7
≥ 18000	36.9	43.7	43.9	45.1	46.0	46.2	46.6	46.7	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.4
≥ 16000	36.9	43.7	43.9	45.2	46.2	46.3	46.7	46.8	47.1	47.2	47.2	47.2	47.4	47.4	47.4	47.5
≥ 14000	36.9	43.7	43.9	45.2	46.2	46.3	46.7	46.8	47.1	47.2	47.2	47.2	47.4	47.4	47.4	47.5
≥ 12000	37.3	44.1	44.3	45.6	46.6	46.7	47.1	47.2	47.5	47.6	47.6	47.6	47.8	47.8	47.8	47.9
≥ 10000	37.7	45.0	45.1	46.4	47.4	47.5	47.9	48.0	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.7
≥ 9000	39.8	48.0	48.2	49.5	50.6	50.7	51.1	51.3	51.5	51.7	51.7	51.7	51.8	51.8	51.8	52.0
≥ 8000	40.0	48.2	48.3	49.7	50.7	50.9	51.3	51.4	51.7	51.8	51.8	51.8	52.0	52.0	52.0	52.1
≥ 7000	42.1	50.9	51.0	52.5	53.6	53.7	54.1	54.2	54.5	54.8	54.8	54.8	54.9	54.9	54.9	55.0
≥ 6000	42.9	52.1	52.4	54.0	55.0	55.2	55.6	55.7	56.0	56.3	56.3	56.3	56.4	56.4	56.4	56.5
≥ 5000	44.8	54.2	54.5	56.1	57.2	57.3	57.7	57.9	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.7
≥ 4500	48.0	58.0	58.3	60.0	61.1	61.2	61.6	61.8	62.0	62.3	62.3	62.3	62.4	62.4	62.4	62.6
≥ 4000	49.3	59.4	59.6	61.4	62.4	62.6	63.0	63.1	63.4	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 3500	51.4	61.8	62.3	64.5	65.5	65.7	66.2	66.4	66.6	66.9	66.9	66.9	67.0	67.0	67.0	67.2
≥ 3000	53.7	64.5	65.1	67.3	68.5	68.6	69.3	69.4	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.3
≥ 2500	54.3	65.5	66.2	68.4	70.0	70.3	71.1	71.2	71.5	71.7	71.7	71.7	71.9	71.9	71.9	72.0
≥ 2000	55.7	67.0	67.8	70.1	72.0	72.5	73.5	73.6	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.4
≥ 1800	56.3	68.0	68.8	71.2	73.2	73.8	75.0	75.1	75.4	75.6	75.6	75.6	75.9	75.9	75.9	76.0
≥ 1600	56.4	68.1	68.9	71.3	73.5	74.3	75.5	75.6	75.9	76.2	76.2	76.2	76.4	76.4	76.4	76.6
≥ 1400	56.7	68.6	69.4	71.9	74.3	75.1	76.7	76.9	77.1	77.4	77.4	77.4	77.7	77.7	77.7	77.8
≥ 1200	58.0	70.8	71.9	74.4	77.0	77.8	79.7	79.8	80.1	80.3	80.3	80.3	80.6	80.6	80.6	80.8
≥ 1000	58.3	71.2	72.5	75.1	77.8	78.6	80.5	80.6	80.9	81.2	81.2	81.2	81.4	81.4	81.4	81.6
≥ 900	58.3	71.5	72.9	75.5	78.3	79.3	81.3	81.4	81.7	82.0	82.0	82.0	82.2	82.2	82.2	82.4
≥ 800	58.5	72.4	74.0	76.9	79.9	81.3	83.6	83.6	84.1	84.4	84.4	84.4	84.7	84.7	84.7	84.8
≥ 700	58.5	72.7	74.7	77.9	81.2	82.5	84.8	85.1	85.3	85.6	85.6	85.6	85.9	85.9	85.9	86.0
≥ 600	58.7	73.4	76.0	79.4	82.9	84.3	86.7	87.1	87.3	87.6	87.6	87.6	87.9	87.9	87.9	88.0
≥ 500	58.7	73.8	76.6	80.1	84.4	86.3	89.0	89.4	89.9	90.4	90.4	90.4	90.7	90.7	90.7	90.8
≥ 400	58.8	74.0	76.9	80.5	85.5	88.0	91.1	91.5	92.1	93.0	93.0	93.0	93.3	93.3	93.3	93.4
≥ 300	58.8	74.0	77.0	80.8	86.0	89.1	92.6	93.0	93.8	94.9	95.0	95.0	95.4	95.4	95.4	95.6
≥ 200	58.8	74.0	77.0	80.9	86.1	89.4	93.1	93.9	94.8	96.1	96.4	96.5	97.6	97.6	97.6	97.7
≥ 100	59.0	74.2	77.1	81.0	86.3	89.5	93.3	94.1	94.9	96.2	96.6	96.6	96.8	98.1	98.1	98.3
≥ 0	59.0	74.2	77.1	81.0	86.3	89.5	93.3	94.1	94.9	96.2	96.6	96.6	96.8	98.1	98.1	98.3

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14011  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/10	≥ 0
NO CEILING ≥ 20000	39.1	41.0	41.3	41.4	41.8	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	41.7	43.8	44.1	44.2	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 16000	41.7	43.8	44.1	44.2	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 14000	41.9	44.1	44.4	44.5	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 12000	43.7	45.8	46.1	46.2	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 10000	46.2	48.5	48.8	48.9	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000	46.4	48.7	48.9	49.1	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	49.5	52.2	52.4	52.6	53.1	53.4	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 7000	49.9	52.6	52.8	53.0	53.5	53.8	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	51.3	54.3	55.0	55.1	55.6	55.9	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 5000	55.0	57.9	58.6	58.7	59.3	59.5	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4500	56.2	59.4	60.1	60.2	60.8	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4000	59.7	63.7	64.7	64.8	65.5	65.7	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3500	62.6	66.9	67.9	68.0	69.0	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000	65.5	70.0	71.1	71.2	72.2	72.4	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2500	66.8	71.6	72.8	73.1	74.1	74.3	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	68.1	73.3	74.6	75.0	76.1	76.3	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1800	68.8	73.9	75.3	75.7	76.7	77.0	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500	69.8	75.0	76.5	76.9	78.1	78.4	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1200	72.0	78.0	80.0	80.5	81.7	82.0	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	73.4	79.8	82.1	82.7	84.0	84.3	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 900	73.9	80.9	83.6	84.3	85.8	86.2	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 800	74.2	81.9	84.8	85.6	87.1	87.9	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 700	74.7	82.4	85.3	86.4	88.3	89.1	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 600	74.7	82.5	85.6	86.7	88.8	89.9	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	74.7	82.8	86.4	87.8	90.5	92.1	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 400	74.9	83.1	86.7	88.3	91.8	93.8	95.2	95.2	95.6	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 300	74.9	83.1	86.7	88.7	92.3	94.8	96.4	96.8	97.3	97.8	98.0	98.0	98.3	98.3	98.3	98.3
≥ 200	74.9	83.1	86.7	88.7	92.3	94.8	96.4	96.8	97.7	98.7	98.9	98.9	99.6	99.7	99.7	99.7
≥ 100	74.9	83.1	86.7	88.7	92.3	94.8	96.4	96.8	97.7	98.7	98.9	98.9	99.6	99.7	99.9	99.9
≥ 0	74.9	83.1	86.7	88.7	92.3	94.8	96.4	96.8	97.7	98.7	98.9	98.9	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO. CEILING ≥ 2000	38.0	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 1800	41.9	43.5	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1600	41.9	43.7	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 1400	42.2	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1200	42.9	44.6	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 1000	43.5	45.3	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 800	45.4	47.2	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 600	45.6	47.3	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 400	48.8	51.1	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 200	50.0	52.4	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 100	51.3	54.0	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 50	54.4	57.3	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 25	57.8	60.8	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12.5	62.9	65.9	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 6.25	66.4	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3.125	69.6	73.4	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1.5625	73.5	77.4	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 780	74.9	78.9	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 600	75.3	79.3	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 400	77.8	82.5	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 200	80.5	84.7	86.6	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 100	80.5	85.8	87.6	88.2	88.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 50	80.6	86.0	88.0	88.7	89.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 25	80.6	86.4	88.4	89.5	90.9	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 12.5	80.6	86.7	89.4	91.0	92.6	93.3	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 6.25	80.8	87.0	89.9	91.9	94.1	95.0	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3.125	80.9	87.1	90.2	92.2	94.6	95.6	96.9	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1.5625	80.9	87.1	90.2	92.3	95.2	96.6	98.1	98.1	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 780	80.9	87.1	90.2	92.3	95.2	96.6	98.3	98.3	98.9	99.1	99.1	99.2	99.2	99.5	99.6	99.6
≥ 600	80.9	87.1	90.2	92.3	95.2	96.6	98.3	98.3	98.9	99.1	99.1	99.2	99.2	99.6	99.9	100.0
≥ 400	80.9	87.1	90.2	92.3	95.2	96.6	98.3	98.3	98.9	99.1	99.1	99.2	99.2	99.6	99.9	100.0
≥ 200	80.9	87.1	90.2	92.3	95.2	96.6	98.3	98.3	98.9	99.1	99.1	99.2	99.2	99.6	99.9	100.0
≥ 100	80.9	87.1	90.2	92.3	95.2	96.6	98.3	98.3	98.9	99.1	99.1	99.2	99.2	99.6	99.9	100.0
≥ 50	80.9	87.1	90.2	92.3	95.2	96.6	98.3	98.3	98.9	99.1	99.1	99.2	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	40.2	42.5	42.7	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2000	43.3	46.4	46.8	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1800	44.0	46.5	46.9	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 1600	44.0	46.5	46.9	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 1400	45.0	47.7	48.1	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 1200	45.3	48.1	48.5	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 1000	47.4	50.4	50.8	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 900	48.1	51.1	51.5	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 800	50.0	53.4	53.9	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 700	51.3	55.0	55.4	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 600	53.9	58.1	58.5	59.0	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 500	56.2	60.8	61.2	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 450	59.1	64.1	64.5	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 400	63.6	69.0	69.4	70.3	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 350	67.1	72.8	73.3	74.2	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 300	70.2	76.1	76.6	77.6	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 250	71.2	78.1	78.6	79.6	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 200	72.9	80.2	80.8	81.9	81.9	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 180	73.1	80.6	81.2	82.3	82.3	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 150	74.5	82.9	83.1	84.5	84.5	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 120	74.9	83.5	84.4	85.9	85.9	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 100	75.4	84.9	85.9	87.5	87.5	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 90	75.4	85.1	86.7	87.8	88.2	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 80	75.5	85.3	86.4	88.4	89.5	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 70	75.7	85.9	87.4	89.4	90.6	91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 60	75.7	86.1	87.8	89.8	91.1	91.9	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 50	75.8	86.6	88.4	90.5	92.1	93.4	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 40	75.8	86.7	89.0	91.1	93.3	94.6	95.8	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 30	75.8	86.7	89.0	91.4	93.5	95.4	97.2	97.8	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 20	75.8	86.7	89.0	91.4	93.5	95.6	97.3	98.1	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 10	75.8	86.7	89.0	91.4	93.5	95.6	97.3	98.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	75.8	86.7	89.0	91.4	93.5	95.6	97.3	98.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

007

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1400-1500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 20	≥ 25	≥ 24	≥ 23	≥ 22	≥ 21	≥ 20	≥ 19	≥ 18	≥ 17	≥ 16	≥ 15	≥ 14	≥ 13	≥ 12
NO CEILING ≥ 20000	1.3	45.6	46.3	46.8	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000 ≥ 17000	1.3	50.0	50.1	50.5	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000 ≥ 15000	1.3	50.1	50.3	50.7	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000 ≥ 13000	1.3	50.5	50.7	51.1	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 12000 ≥ 11000	1.3	51.5	51.6	52.0	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 10000 ≥ 9000	1.5	54.2	54.3	54.7	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000 ≥ 7000	1.5	54.7	54.8	55.2	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000 ≥ 5000	1.5	57.8	57.9	58.3	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4500 ≥ 4000	1.5	59.9	60.1	60.6	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 3500 ≥ 3000	1.5	64.5	64.7	65.3	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 2500 ≥ 2000	1.6	67.2	67.3	68.0	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1800 ≥ 1500	1.6	69.1	69.2	69.9	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1200 ≥ 1000	1.6	71.8	72.0	72.7	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 900 ≥ 800	1.6	74.5	74.7	75.4	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 700 ≥ 600	1.6	76.1	76.3	77.2	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 500 ≥ 400	1.6	77.7	78.1	79.0	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 300 ≥ 200	1.6	78.1	78.8	80.0	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 100 ≥ 0	1.6	78.9	79.7	81.2	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 100 ≥ 0	1.6	80.4	81.2	82.9	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 100 ≥ 0	1.6	80.8	81.9	83.9	85.6	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 100 ≥ 0	1.6	81.2	82.4	84.9	86.7	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 100 ≥ 0	1.6	82.0	83.2	86.0	87.8	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 100 ≥ 0	1.6	82.5	84.1	87.1	89.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 100 ≥ 0	1.6	82.8	84.8	88.2	90.6	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 100 ≥ 0	1.6	83.5	85.8	89.2	91.8	93.3	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 100 ≥ 0	1.6	83.9	86.6	90.2	93.0	94.8	95.4	95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100 ≥ 0	1.6	83.9	86.7	90.5	93.4	95.2	96.1	96.8	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 100 ≥ 0	1.6	83.9	86.7	90.5	93.5	95.3	96.2	97.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100 ≥ 0	1.6	83.9	86.7	90.5	93.5	95.3	96.2	97.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100 ≥ 0	1.6	83.9	86.7	90.5	93.5	95.3	96.2	97.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100 ≥ 0	1.6	83.9	86.7	90.5	93.5	95.3	96.2	97.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
 US AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14801

LANGOP INTERNATIONAL

73-80

30Y

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1100-2300  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000		47.0	47.4	47.8	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 18000 ≥ 17000		50.0	50.7	51.5	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2
≥ 16000 ≥ 15000		50.0	50.7	51.5	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2
≥ 14000 ≥ 13000		50.7	51.3	52.2	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 12000 ≥ 11000		50.9	51.6	52.4	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
≥ 10000 ≥ 9000		52.7	53.4	54.2	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
≥ 8000 ≥ 7000		53.1	53.8	54.6	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
≥ 6000 ≥ 5000		55.0	55.6	56.5	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥ 4500 ≥ 4000		56.2	56.9	57.8	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9
≥ 3500 ≥ 3000		59.1	59.8	60.9	61.8	61.8	61.8	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2
≥ 2500 ≥ 2000		64.0	64.8	66.1	67.2	67.2	67.2	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.6
≥ 1800 ≥ 1500		64.5	65.3	66.7	67.7	67.7	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1
≥ 1200 ≥ 1000		67.3	68.1	69.6	70.7	70.7	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 900 ≥ 800		69.9	70.7	72.4	73.5	73.5	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 700 ≥ 600		72.0	73.3	75.1	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 500 ≥ 400		73.3	74.7	76.9	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.4
≥ 300 ≥ 200		74.5	76.6	79.0	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8
≥ 100 ≥ 0		75.3	77.0	79.4	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.2
		76.6	78.6	81.3	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1
		78.1	80.2	82.9	84.5	84.5	84.5	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3
		78.6	81.0	83.7	85.3	85.3	85.3	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.2
		78.8	81.3	84.1	85.9	86.2	86.4	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	87.0
		79.2	81.9	84.8	86.6	86.8	87.1	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
		79.6	82.4	85.6	87.5	87.8	88.0	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	89.0
		79.7	83.3	86.6	88.4	88.8	89.5	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.7
		80.1	83.7	87.0	89.0	89.9	90.9	91.5	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.2
		80.5	84.9	88.7	91.0	92.3	93.3	94.0	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.6
		80.5	85.1	89.1	91.8	93.7	95.2	96.1	96.4	96.8	96.9	96.9	96.9	96.9	96.9	97.0
		80.5	85.1	89.1	91.9	94.0	95.4	96.5	96.9	97.7	97.8	97.8	97.8	97.8	97.8	98.1
		80.5	85.1	89.1	91.9	94.0	95.4	96.5	96.9	98.1	98.3	98.4	98.9	99.1	99.6	100.0
		80.5	85.1	89.1	91.9	94.0	95.4	96.5	96.9	98.1	98.3	98.4	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

145-1  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	26	25	24	23	22 1/2	22	21 1/2	21	20 1/2	20	19 1/2	19	18 1/2	18	17 1/2
NO RECORD	19.1	43.4	43.9	44.3	44.6	44.7	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.2
≥ 2000	20.7	46.7	47.2	47.9	48.3	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.8
≥ 1800	20.9	46.8	47.3	47.9	48.3	48.4	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.8	48.8	48.9
≥ 1600	20.9	46.8	47.3	48.0	48.4	48.4	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.9
≥ 1400	21.1	47.4	47.9	48.5	48.9	49.0	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.5
≥ 1200	21.5	48.0	48.8	49.2	49.7	49.7	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2
≥ 1000	22.6	50.2	51.7	51.4	51.9	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.5
≥ 800	22.3	50.6	51.1	51.8	52.3	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.9
≥ 600	24.1	52.9	53.5	54.2	54.8	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.4
≥ 400	24.6	54.0	54.6	55.4	55.9	56.0	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.6
≥ 200	25.4	56.3	56.9	57.8	58.4	58.5	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.0
≥ 100	27.0	59.9	60.6	61.6	62.2	62.3	62.5	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.9	63.0
≥ 50	28.1	61.8	62.5	63.5	64.1	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.8
≥ 25	27.0	65.1	65.9	67.0	67.7	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.4	68.4
≥ 15	31.5	67.9	68.7	69.9	70.7	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.4
≥ 10	32.8	70.3	71.2	72.4	73.3	73.4	73.6	73.7	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.1
≥ 5	33.7	72.1	73.2	74.5	75.4	75.6	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.3
≥ 2	34.3	73.7	74.9	76.4	77.5	77.7	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.5
≥ 1	34.5	74.1	75.4	76.9	78.0	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0
≥ 0	35.2	75.3	76.7	78.4	79.6	79.9	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.7
≥ 0.5	35.9	77.1	78.9	80.8	82.2	82.6	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.5
≥ 0.25	36.3	78.1	79.9	81.9	83.4	83.9	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9
≥ 0.1	36.4	78.5	80.5	82.7	84.4	85.0	85.6	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.1
≥ 0.05	36.5	79.1	81.2	83.7	85.7	86.5	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.7
≥ 0.025	36.6	79.4	81.9	84.8	86.9	87.8	88.5	88.7	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.1
≥ 0.01	36.6	79.8	82.6	85.7	88.0	89.2	90.0	90.3	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.8
≥ 0.005	36.6	80.2	83.3	86.6	89.3	90.9	91.9	92.2	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.9
≥ 0.0025	36.6	80.4	83.9	87.5	90.7	92.6	94.0	94.3	94.7	95.1	95.1	95.1	95.1	95.2	95.2	95.3
≥ 0.001	36.6	80.4	84.0	87.8	91.3	93.5	95.4	95.9	96.5	96.9	97.0	97.0	97.0	97.2	97.2	97.3
≥ 0.0005	36.6	80.5	84.0	87.9	91.4	93.7	95.6	96.4	97.1	97.8	97.9	98.0	98.0	98.4	98.4	98.5
≥ 0.00025	36.7	80.5	84.0	87.9	91.4	93.7	95.6	96.4	97.2	97.9	98.1	98.3	98.3	98.9	99.0	99.3
≥ 0.0001	36.7	80.5	84.0	87.9	91.4	93.7	95.6	96.4	97.2	97.9	98.1	98.3	98.3	98.9	99.0	99.4

TOTAL NUMBER OF OBSERVATIONS 525

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601  
STATION

EANGOR INTERNATIONAL  
STATION NAME

73-87  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2200  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 2000	.4	44.2	44.3	44.7	44.7	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.3	45.4
≥ 1800	.4	46.3	46.4	46.9	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.5	47.6
≥ 1600	.4	46.3	46.4	46.9	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.5	47.6
≥ 1400	.4	47.2	47.4	47.9	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.5	48.6
≥ 1200	.4	48.3	48.5	49.0	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.6	49.7
≥ 1000	.4	49.4	49.6	50.4	50.4	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.0	51.1
≥ 900	.4	50.0	50.3	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7	51.8
≥ 800	.4	51.0	51.3	52.2	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9	53.1
≥ 700	.4	51.9	52.2	53.2	53.3	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.9	54.0
≥ 600	.4	54.0	54.3	55.3	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.1
≥ 500	.4	57.5	57.9	59.0	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.1
≥ 450	.4	58.2	58.6	59.7	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.7	60.8
≥ 400	.4	61.1	61.7	62.9	63.3	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.3	64.4
≥ 350	.4	63.3	63.9	65.1	65.8	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.8	66.9
≥ 300	.4	66.8	67.4	68.6	69.4	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.6	70.7
≥ 250	.4	68.6	69.4	71.0	72.1	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.2	73.3
≥ 200	.4	71.3	72.4	74.0	75.4	75.8	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	77.1	77.2
≥ 180	.4	71.8	72.9	74.6	76.1	76.5	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.9	78.1
≥ 150	.4	73.1	74.7	76.8	78.3	78.8	79.4	79.6	79.7	79.7	79.9	79.9	79.9	79.9	80.3	80.4
≥ 120	.4	73.5	75.4	77.8	79.6	80.1	80.8	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.7	81.8
≥ 100	.4	73.8	76.0	78.6	80.7	81.3	81.9	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.8	82.9
≥ 90	.4	73.9	76.3	79.0	81.3	81.9	82.6	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.5	83.6
≥ 80	.4	74.4	76.9	80.3	82.8	83.5	84.2	84.3	84.6	84.7	84.9	84.9	84.9	84.9	85.3	85.4
≥ 70	.4	74.9	77.4	80.7	83.5	84.2	85.0	85.4	86.0	86.1	86.3	86.3	86.3	86.3	86.7	86.8
≥ 60	.4	75.1	77.8	81.4	84.3	85.3	86.3	86.7	87.4	87.5	87.6	87.6	87.6	87.6	88.1	88.2
≥ 50	.4	75.1	77.9	81.9	85.0	86.1	87.6	88.2	88.9	89.0	89.2	89.2	89.3	89.3	89.7	89.9
≥ 40	.4	75.3	78.5	82.9	86.3	87.5	89.3	89.9	90.8	91.0	91.1	91.3	91.4	91.4	91.8	92.1
≥ 30	.4	75.4	78.8	83.2	86.8	88.3	91.0	91.5	93.2	93.5	93.6	93.8	93.9	93.9	94.3	94.7
≥ 20	.4	75.4	78.8	83.2	86.9	88.5	91.5	92.1	94.0	94.6	94.7	95.1	95.3	95.3	95.8	96.4
≥ 10	.4	75.4	78.8	83.2	87.1	88.8	91.9	92.5	94.7	95.6	95.8	96.3	96.4	96.4	97.1	97.9
≥ 0	.4	75.4	78.8	83.2	87.1	88.8	91.9	92.5	94.7	95.6	95.8	96.3	96.4	96.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING ≥ 20000	.1	45.4	46.0	46.5	46.8	46.8	46.8	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.4
≥ 18000	.3	47.2	47.9	48.5	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2	49.3
≥ 16000	.3	47.2	47.9	48.5	49.0	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.6
≥ 14000	.3	47.2	47.9	48.5	49.0	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.6
≥ 12000	.3	47.9	48.6	49.2	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.3
≥ 10000	.3	49.9	50.6	51.1	51.8	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.4
≥ 8000	.3	51.4	52.1	52.6	53.3	53.3	53.3	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.3
≥ 6000	.3	52.6	53.3	53.9	54.7	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.7
≥ 5000	.3	53.8	54.6	55.3	56.1	56.1	56.5	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.1
≥ 4500	.3	57.4	58.5	59.3	60.4	60.4	60.8	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.4
≥ 4000	.3	57.8	58.9	59.9	61.0	61.0	61.4	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.9
≥ 3500	.3	60.6	61.8	62.8	64.0	64.0	64.4	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	65.0
≥ 3000	.3	62.4	63.6	64.7	66.0	66.0	66.4	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.9
≥ 2500	.3	65.1	66.4	67.5	68.8	68.8	69.2	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.7
≥ 2000	.3	67.6	69.2	70.3	71.7	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.6
≥ 1800	.3	70.1	72.2	73.6	75.0	75.0	75.6	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.4
≥ 1600	.3	70.3	72.5	73.9	75.3	75.3	76.0	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.8
≥ 1500	.3	71.5	74.0	75.4	76.8	76.8	77.6	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.5
≥ 1200	.3	72.2	75.1	76.8	78.3	78.3	79.2	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	80.0
≥ 1000	.3	72.4	75.7	77.5	79.2	79.2	80.1	80.7	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.1
≥ 900	.3	72.6	76.4	78.6	80.6	80.6	81.9	82.5	82.5	82.5	82.5	82.5	82.8	82.8	82.8	82.9
≥ 800	.3	72.8	77.2	79.7	81.7	81.8	83.3	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.3
≥ 700	.3	72.8	77.4	80.1	82.4	82.6	84.2	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.1
≥ 600	.3	72.8	77.5	80.7	83.1	83.6	85.6	86.1	86.4	86.7	86.7	86.7	86.9	86.9	86.9	87.1
≥ 500	.3	73.3	78.1	81.4	83.9	84.4	86.7	87.4	87.6	88.1	88.1	88.2	88.5	88.5	88.5	88.6
≥ 400	.3	73.3	78.5	82.1	84.9	85.4	87.9	88.8	89.3	89.7	89.7	89.9	90.3	90.3	90.3	90.4
≥ 300	.3	73.3	78.5	82.1	85.0	85.7	88.8	89.9	90.7	91.4	91.4	91.5	91.9	91.9	91.9	92.1
≥ 200	.3	73.3	78.5	82.1	85.1	85.8	89.0	90.6	91.9	93.1	93.1	93.5	94.0	94.4	94.4	94.6
≥ 100	.3	73.3	78.5	82.1	85.1	86.1	89.4	91.0	92.5	93.8	93.8	94.3	95.3	96.0	96.1	96.5
≥ 0	.3	73.3	78.5	82.1	85.1	86.1	89.4	91.0	92.5	93.8	93.8	94.3	95.3	96.1	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601 DANGOR INTERNATIONAL

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	29.2	41.0	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.8	41.9	41.9	41.9	42.1	42.2	42.5
≥ 20000	29.7	42.8	43.5	43.6	43.8	43.8	43.8	43.8	43.8	44.2	44.3	44.3	44.3	44.4	44.7	45.0
≥ 18000	29.7	42.8	43.5	43.6	43.8	43.8	43.8	43.8	43.8	44.2	44.3	44.3	44.3	44.4	44.7	45.0
≥ 16000	29.7	42.8	43.5	43.6	43.8	43.8	43.8	43.8	43.8	44.2	44.3	44.3	44.3	44.4	44.7	45.0
≥ 14000	30.1	43.5	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.9	45.0	45.0	45.0	45.1	45.4	45.7
≥ 12000	31.1	45.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.7	46.8	46.8	46.8	46.9	47.2	47.5
≥ 10000	32.2	47.5	48.6	48.9	49.3	49.3	49.3	49.3	49.3	49.7	49.9	49.9	49.9	50.0	50.3	50.6
≥ 9500	32.6	48.3	49.4	49.7	50.1	50.1	50.1	50.1	50.1	50.6	50.7	50.7	50.7	50.8	51.1	51.4
≥ 8000	35.0	51.1	52.5	52.8	53.3	53.5	53.6	53.6	53.6	54.0	54.2	54.2	54.2	54.3	54.6	54.9
≥ 7000	35.8	52.4	53.9	54.2	54.7	54.9	55.0	55.0	55.0	55.4	55.6	55.6	55.6	55.7	56.0	56.3
≥ 6000	36.7	54.0	55.6	56.0	56.7	56.8	56.9	56.9	56.9	57.4	57.5	57.5	57.5	57.6	57.9	58.2
≥ 5000	37.8	56.5	58.3	59.2	59.9	60.0	60.1	60.1	60.1	60.6	60.7	60.7	60.7	60.8	61.1	61.4
≥ 4500	38.5	58.3	60.3	61.1	61.9	61.9	62.1	62.1	62.1	62.5	62.6	62.6	62.6	62.6	63.1	63.3
≥ 4000	40.0	61.4	63.3	64.3	65.1	65.3	65.6	65.6	65.6	66.0	66.1	66.1	66.1	66.3	66.5	66.9
≥ 3500	40.6	63.8	65.7	67.4	68.2	68.3	68.6	68.6	68.6	69.0	69.2	69.2	69.2	69.3	69.6	70.0
≥ 3000	41.7	66.3	68.5	70.3	71.3	71.4	71.7	71.7	71.7	72.2	72.4	72.4	72.4	72.5	72.8	73.2
≥ 2500	43.2	68.5	70.7	72.5	73.5	73.8	74.0	74.0	74.0	74.6	74.7	74.7	74.7	74.9	75.1	75.6
≥ 2000	44.0	70.7	72.9	74.9	76.1	76.5	76.9	76.9	76.9	77.5	77.6	77.6	77.6	77.8	78.1	78.5
≥ 1800	44.3	71.3	73.5	75.4	76.7	77.1	77.5	77.5	77.5	78.1	78.2	78.2	78.2	78.3	78.6	79.0
≥ 1500	44.3	71.9	74.2	76.4	77.8	78.2	78.6	78.6	78.6	79.2	79.3	79.3	79.3	79.4	79.7	80.1
≥ 1200	44.6	72.8	76.0	78.8	80.1	80.7	81.1	81.1	81.1	81.7	81.8	81.8	81.8	81.9	82.2	82.6
≥ 1000	44.7	73.1	76.4	79.4	81.0	81.5	82.1	82.2	82.2	82.8	82.9	82.9	82.9	83.1	83.3	83.6
≥ 900	44.7	73.2	76.7	79.7	81.5	82.1	82.6	82.8	83.1	83.8	83.9	83.9	83.9	84.0	84.3	84.7
≥ 800	44.7	73.6	77.1	80.4	82.4	83.1	83.8	83.9	84.2	85.1	85.3	85.3	85.3	85.4	85.7	86.1
≥ 700	44.7	73.6	77.1	80.6	82.5	83.2	84.0	84.3	84.6	85.6	85.7	85.7	85.7	85.8	86.1	86.5
≥ 600	44.7	73.6	77.1	81.3	83.5	84.4	85.6	85.8	86.1	87.1	87.2	87.2	87.2	87.4	87.6	88.1
≥ 500	44.7	73.6	77.4	82.6	85.1	86.5	87.8	88.2	88.6	89.6	89.7	89.9	89.9	90.1	90.4	90.6
≥ 400	44.7	73.8	77.6	83.1	86.0	87.5	88.9	89.3	89.9	90.8	91.0	91.1	91.1	91.4	91.7	92.1
≥ 300	44.7	73.8	77.6	83.1	86.1	87.8	89.2	90.1	91.4	92.6	93.1	93.2	93.3	93.6	93.9	94.3
≥ 200	44.7	73.8	77.6	83.1	86.1	87.8	89.3	90.3	91.8	93.1	93.6	93.8	94.3	94.6	95.3	95.6
≥ 100	44.7	73.8	77.6	83.1	86.1	87.8	89.3	90.3	91.8	93.2	94.2	94.3	95.4	95.7	96.5	98.1
≥ 0	44.7	73.8	77.6	83.1	86.1	87.8	89.3	90.3	91.8	93.2	94.2	94.4	95.6	95.8	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601 DANGOR INTERNATIONAL

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	41.3	42.8	43.0	43.1	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 2000	44.3	46.3	46.6	46.7	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4
≥ 1800	44.8	46.3	46.6	46.7	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4
≥ 1600	44.9	46.3	46.6	46.7	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4
≥ 1400	45.1	46.6	46.9	47.0	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7
≥ 1200	45.3	47.1	47.4	47.6	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.3	48.3
≥ 1000	47.4	49.7	50.2	50.3	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0
≥ 900	48.7	50.9	51.5	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3
≥ 800	50.9	53.7	54.5	54.8	55.5	55.6	55.6	55.8	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1
≥ 700	52.2	54.9	55.8	56.1	56.7	56.9	56.9	57.0	57.0	57.2	57.2	57.2	57.2	57.3	57.3	57.3
≥ 600	52.9	55.6	56.6	56.9	57.6	57.7	57.7	57.9	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1
≥ 500	55.8	59.1	60.1	60.4	61.3	61.5	61.5	61.6	61.6	61.8	61.8	61.8	61.8	61.9	61.9	61.9
≥ 450	57.7	61.1	62.0	62.3	63.4	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.8	64.0	64.0	64.0
≥ 400	60.1	63.8	64.8	65.1	66.2	66.3	66.3	66.8	66.9	67.0	67.0	67.0	67.0	67.2	67.2	67.2
≥ 350	62.6	66.3	67.3	67.6	68.7	68.8	69.0	69.3	69.4	69.5	69.5	69.5	69.5	69.7	69.7	69.7
≥ 300	64.8	68.6	70.0	70.2	71.3	71.6	71.9	72.2	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 250	66.9	71.3	72.7	73.0	74.3	74.5	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.5
≥ 200	69.1	74.5	76.1	76.4	77.7	78.0	78.4	78.7	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4
≥ 180	69.1	74.5	76.2	76.5	77.9	78.2	78.6	78.9	79.3	79.4	79.4	79.4	79.4	79.6	79.6	79.6
≥ 150	69.5	75.1	76.9	77.3	78.7	79.0	79.4	79.7	80.1	80.3	80.3	80.3	80.3	80.4	80.4	80.4
≥ 120	69.8	76.4	78.2	78.7	80.1	80.4	80.8	81.1	81.6	81.9	81.9	81.9	81.9	82.1	82.1	82.1
≥ 100	70.2	77.5	79.3	80.1	81.6	81.9	82.3	82.8	83.4	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 90	70.2	77.9	79.8	80.7	82.3	82.9	83.3	83.7	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 80	70.2	78.0	80.0	80.6	82.6	83.4	84.0	84.6	85.5	85.7	85.7	85.7	85.7	85.8	85.8	85.8
≥ 70	70.2	78.3	80.4	81.4	84.0	85.0	85.5	86.4	87.5	87.6	87.6	87.6	87.6	87.8	87.8	87.8
≥ 60	70.2	78.4	80.9	82.2	85.7	87.1	87.8	88.6	89.7	89.8	89.8	89.8	89.8	90.0	90.0	90.0
≥ 50	70.2	78.6	81.1	82.9	86.6	88.0	89.2	90.3	91.4	91.5	91.5	91.5	91.5	91.7	91.7	91.7
≥ 40	70.2	78.6	81.1	83.2	87.9	89.7	91.2	92.5	93.6	93.9	93.9	93.9	93.9	94.2	94.2	94.2
≥ 30	70.2	78.6	81.1	83.4	88.7	90.8	92.4	93.7	95.4	95.7	95.7	95.7	95.7	96.0	96.0	96.0
≥ 20	70.2	78.6	81.1	83.4	88.7	91.0	92.5	94.0	96.1	96.8	97.1	97.5	98.2	98.2	98.2	98.2
≥ 10	70.2	78.6	81.1	83.4	88.7	91.0	92.5	94.0	96.1	96.8	97.1	97.5	98.5	98.7	99.2	99.6
≥ 0	70.2	78.6	81.1	83.4	88.7	91.0	92.5	94.0	96.1	96.8	97.1	97.5	98.5	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14671

BANGOR INTERNATIONAL

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥ 1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 18000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 14000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 10000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 8000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 7000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 6000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 5000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 4500	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 4000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 3500	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 3000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 2500	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 2000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 1800	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 1500	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 1200	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 1000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 900	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 800	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 700	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 600	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 500	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 400	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 300	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 200	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 100	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 0	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14871  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	31.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 27000	36.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	36.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 15000	36.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 14000	37.1	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	38.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 10000	40.3	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	40.7	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000	41.8	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 7000	42.1	58.1	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 6000	42.9	59.4	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 5000	44.3	61.8	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4500	45.1	63.6	64.7	64.3	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4000	48.2	67.9	68.3	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	51.7	72.2	72.6	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	53.3	74.9	75.3	75.6	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	54.4	77.1	77.5	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2000	55.4	78.9	79.4	80.6	80.8	81.0	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	55.6	79.2	79.9	81.0	81.3	81.4	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	55.7	79.7	80.7	81.8	82.2	82.5	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1200	56.1	80.3	81.4	82.6	83.2	83.6	83.6	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1000	56.5	81.4	82.8	84.2	85.0	85.4	85.6	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	56.7	81.8	83.5	84.9	85.8	86.3	86.4	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	56.7	82.1	83.9	85.7	87.1	87.5	87.8	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 700	56.9	82.5	84.4	86.5	88.5	88.9	89.3	89.7	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	56.8	82.5	84.6	86.7	89.3	90.3	90.8	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 500	56.8	82.5	84.6	86.8	89.9	91.4	92.5	93.1	93.3	93.6	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	56.8	82.8	84.9	87.4	90.7	92.6	93.9	95.0	95.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	56.8	82.8	84.9	87.4	90.8	92.9	94.2	95.6	96.9	97.4	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	56.8	82.8	84.9	87.4	90.8	92.9	94.2	95.7	97.4	97.8	98.3	98.3	98.6	98.8	98.8	98.8
≥ 100	56.8	82.8	84.9	87.4	90.8	92.9	94.2	95.7	97.6	98.1	98.6	98.6	99.2	99.4	99.6	99.9
≥ 0	56.8	82.8	84.9	87.4	90.8	92.9	94.2	95.7	97.6	98.1	98.6	98.6	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14071  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	.4	44.6	44.6	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	.4	47.4	47.4	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 16000	.4	47.6	47.6	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	.4	47.6	47.6	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 12000	.4	48.4	48.4	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	.4	49.2	49.2	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 8000	.4	51.3	51.3	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 6000	.4	51.5	51.5	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4000	.4	54.1	54.1	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 2000	.4	55.2	55.2	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 1000	.4	57.3	57.3	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 500	.6	61.1	61.1	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 400	.6	62.2	62.2	62.9	62.9	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 300	.7	66.5	66.6	67.5	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 200	.7	69.4	69.7	70.8	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 100	.7	72.5	72.9	74.3	74.4	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 50	.7	73.7	74.3	75.7	75.8	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 0	.7	76.2	77.1	78.6	78.9	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	.7	76.4	77.2	79.0	79.3	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	.7	77.9	78.7	80.9	81.2	81.9	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	.7	78.4	79.3	81.5	81.9	82.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	.7	79.0	80.0	82.2	82.9	83.9	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 500	.7	79.3	80.7	83.0	83.9	84.8	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 400	.7	79.7	81.1	84.0	84.8	86.0	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 300	.7	79.8	81.5	84.7	86.1	87.2	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2
≥ 200	.7	79.8	81.6	85.7	88.0	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 100	.7	79.8	81.6	86.9	90.0	92.4	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.9
≥ 50	.7	79.8	81.8	87.1	91.4	92.9	94.3	94.9	95.4	95.4	95.4	95.4	95.8	95.8	95.8	96.1
≥ 0	.7	79.8	81.8	87.1	90.4	92.9	94.3	95.3	96.1	96.9	97.5	97.5	97.8	97.8	97.9	98.1
≥ 0	.7	79.8	81.8	87.1	90.4	92.9	94.3	95.4	97.1	97.9	98.5	98.6	99.0	99.0	99.4	99.6
≥ 0	.7	79.8	81.8	87.1	90.4	92.9	94.3	95.4	97.1	97.9	98.5	98.6	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 719



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601

DANGOR INTERNATIONAL

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		44.2	44.4	44.7	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7
≥ 20000		47.6	47.9	48.2	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2
≥ 18000		47.6	47.9	48.2	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2
≥ 16000		47.6	47.9	48.2	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2
≥ 14000		48.3	48.6	48.9	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9	49.9	49.9
≥ 12000		48.9	49.2	49.4	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4
≥ 10000		49.7	50.3	50.8	51.1	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8
≥ 9000		49.7	50.4	51.0	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9
≥ 8000		51.0	51.8	52.4	52.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3
≥ 7000		53.2	54.0	54.9	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8
≥ 6000		55.6	56.5	57.4	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3
≥ 5000		59.3	60.4	61.4	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9
≥ 4500		61.0	62.1	63.1	63.6	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7
≥ 4000		64.9	66.1	67.2	67.9	68.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2
≥ 3500		66.4	67.8	69.3	70.0	70.7	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3
≥ 3000		68.1	69.6	71.3	72.2	72.9	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6
≥ 2500		70.3	71.8	73.5	74.4	75.1	75.6	75.7	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0
≥ 2000		74.2	76.0	77.9	79.0	79.7	80.4	80.6	80.7	80.7	80.7	80.8	80.8	81.0	81.0	81.0
≥ 1800		74.7	76.5	78.5	79.6	80.3	81.0	81.1	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5
≥ 1500		75.6	77.5	79.4	80.7	81.4	82.2	82.4	82.5	82.5	82.8	82.8	82.9	82.9	82.9	82.9
≥ 1200		76.3	78.3	80.4	81.7	82.5	83.3	83.5	83.6	83.6	83.9	83.9	84.0	84.0	84.0	84.0
≥ 1000		76.7	79.0	81.4	82.9	83.9	84.7	84.9	85.0	85.0	85.3	85.3	85.4	85.4	85.4	85.4
≥ 900		76.7	79.0	81.5	83.3	84.4	85.3	85.4	85.7	85.7	86.0	86.0	86.1	86.1	86.1	86.1
≥ 800		76.7	79.2	82.1	84.4	85.6	86.7	86.8	87.1	87.1	87.4	87.4	87.5	87.5	87.5	87.5
≥ 700		76.7	79.2	82.4	84.9	86.3	87.5	87.8	88.3	88.3	88.8	88.8	88.9	88.9	88.9	88.9
≥ 600		77.4	79.9	83.5	86.9	88.8	90.4	90.7	91.3	91.3	91.7	91.7	91.9	91.9	91.9	91.9
≥ 500		77.5	80.0	83.9	87.5	89.6	91.5	91.9	92.5	92.5	92.9	92.9	93.2	93.2	93.2	93.2
≥ 400		77.5	80.0	84.0	88.1	91.0	93.3	93.9	94.7	95.3	95.7	95.7	96.0	96.0	96.0	96.0
≥ 300		77.5	80.0	84.4	88.8	91.8	94.7	95.3	96.3	96.8	97.2	97.4	97.6	97.6	97.6	97.6
≥ 200		77.5	80.0	84.4	88.8	91.8	94.7	95.4	96.5	97.4	97.8	97.9	98.2	98.5	98.6	98.6
≥ 100		77.5	80.0	84.6	88.9	91.9	94.9	95.6	96.8	97.6	98.5	98.6	98.9	99.2	99.3	99.4
≥ 0		77.5	80.0	84.6	88.9	91.9	94.9	95.6	96.8	97.6	98.5	98.6	98.9	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 122

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	17.9	43.2	43.4	43.7	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.2
≥ 18000	19.8	46.7	47.0	47.2	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.8
≥ 16000	19.8	46.7	47.0	47.3	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.8
≥ 14000	19.9	46.7	47.0	47.3	47.4	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.9
≥ 12000	20.0	47.3	47.6	47.8	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.5
≥ 10000	20.5	48.4	48.6	48.9	49.1	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.5
≥ 9000	21.3	50.3	50.7	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.7	51.8
≥ 8000	21.7	50.9	51.3	51.7	51.9	52.0	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.3	52.4
≥ 7000	22.7	52.9	53.4	53.8	54.1	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.7
≥ 6000	23.0	54.1	54.6	55.1	55.4	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	56.0
≥ 5000	23.6	55.8	56.4	56.9	57.3	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.9
≥ 4500	24.7	59.1	59.9	60.6	61.0	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.7
≥ 4000	25.3	60.5	61.3	62.0	62.5	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.2
≥ 3500	26.8	64.1	65.0	65.7	66.3	66.6	66.7	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.2
≥ 3000	28.0	66.7	67.6	68.5	69.2	69.4	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0
≥ 2500	29.0	69.5	70.5	71.5	72.2	72.4	72.6	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.1	73.2
≥ 2000	29.9	71.7	72.8	73.8	74.6	74.9	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.6
≥ 1800	30.5	74.2	75.6	76.9	77.8	78.1	78.6	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.2
≥ 1500	30.7	74.6	76.1	77.4	78.3	78.6	79.1	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.7
≥ 1200	30.8	75.6	77.2	78.7	79.7	80.1	80.6	80.8	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.3
≥ 1000	31.0	76.4	78.2	79.9	81.0	81.5	82.0	82.2	82.4	82.5	82.5	82.5	82.6	82.6	82.7	82.8
≥ 900	31.2	77.0	79.1	81.0	82.3	82.8	83.4	83.7	83.8	84.0	84.1	84.1	84.1	84.1	84.2	84.3
≥ 800	31.2	77.3	79.6	81.6	83.0	83.6	84.3	84.6	84.8	84.9	85.0	85.0	85.1	85.1	85.2	85.3
≥ 700	31.2	77.5	80.0	82.3	84.0	84.7	85.4	85.8	86.0	86.3	86.3	86.3	86.4	86.4	86.5	86.6
≥ 600	31.3	77.6	80.3	82.9	84.9	85.7	86.5	87.0	87.3	87.6	87.7	87.7	87.8	87.8	87.9	88.0
≥ 500	31.3	77.9	80.6	83.6	86.2	87.3	88.4	88.8	89.2	89.5	89.6	89.6	89.7	89.7	89.8	89.9
≥ 400	31.3	78.0	80.8	84.2	87.1	88.4	89.8	90.4	90.9	91.3	91.4	91.5	91.6	91.6	91.7	91.8
≥ 300	31.3	78.1	81.1	84.7	88.0	89.7	91.4	92.1	92.8	93.3	93.5	93.6	93.7	93.8	93.9	94.0
≥ 200	31.3	78.1	81.1	84.9	88.4	90.2	92.3	93.2	94.4	95.0	95.2	95.3	95.5	95.6	95.7	95.8
≥ 100	31.3	78.1	81.1	84.9	88.5	90.3	92.4	93.5	95.1	96.0	96.3	96.5	96.9	97.1	97.3	97.5
≥ 0	31.3	78.1	81.1	84.9	88.5	90.4	92.5	93.7	95.4	96.4	96.8	97.1	97.7	98.0	98.3	98.8

TOTAL NUMBER OF OBSERVATIONS 5758

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	43.4	44.1	44.2	44.4	44.5	44.6	44.6	44.6	44.6	44.6	44.9	44.8	44.8	44.8	44.8	44.8
≥ 2000	45.3	46.0	46.4	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9
≥ 1800	45.3	46.0	46.4	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9
≥ 1700	45.3	46.0	46.4	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9
≥ 1400	46.0	46.6	47.0	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6
≥ 1200	46.5	47.2	47.6	47.7	47.8	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1
≥ 1000	48.0	48.7	49.1	49.2	49.3	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
≥ 900	48.5	49.2	49.6	49.7	49.9	50.3	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1
≥ 800	50.4	51.2	51.6	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
≥ 700	51.3	52.2	52.7	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4
≥ 600	53.5	54.3	54.8	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
≥ 500	55.9	56.7	57.4	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	56.6	57.8	58.6	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 4000	59.7	61.2	62.1	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3500	62.0	63.6	64.5	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	64.9	66.8	68.3	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 2500	68.5	70.7	72.4	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2000	71.8	73.9	75.8	76.6	76.7	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	71.9	74.1	76.1	76.9	77.0	77.3	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1500	73.9	76.2	78.5	79.4	79.6	80.0	80.0	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1200	75.1	77.7	81.0	82.3	82.4	83.1	83.2	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1000	75.7	78.6	82.3	83.9	84.4	85.3	85.5	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 900	75.9	78.9	82.7	84.4	84.9	86.0	86.3	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 800	76.2	79.3	83.6	85.3	86.0	87.5	87.9	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	76.2	79.3	83.9	85.9	86.7	88.4	89.0	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	76.2	79.3	84.4	86.6	87.5	89.4	89.9	91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	76.2	79.3	84.5	86.6	87.6	90.1	90.9	92.1	92.7	93.1	93.1	93.3	93.3	93.3	93.3	93.3
≥ 400	76.2	79.3	84.7	87.1	88.3	91.1	91.9	93.1	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6
≥ 300	76.2	79.3	84.7	87.4	88.6	91.4	93.1	94.6	95.7	96.2	96.2	96.5	96.5	96.6	96.6	96.6
≥ 200	76.2	79.3	84.7	87.4	88.7	91.9	94.4	96.1	97.3	98.0	98.0	98.4	98.4	98.5	98.7	98.7
≥ 100	76.2	79.3	84.7	87.4	88.7	91.9	94.5	96.2	97.4	98.1	98.1	99.1	99.1	99.5	99.9	99.9
≥ 0	76.2	79.3	84.7	87.4	88.7	91.9	94.5	96.2	97.4	98.1	98.1	99.1	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14691 BANGOR INTERNATIONAL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	.1	44.6	45.4	45.4	45.6	45.6	45.8	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	.3	47.2	48.0	48.0	48.1	48.1	48.4	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	.3	47.2	48.0	48.0	48.3	48.3	48.5	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 16000	.3	47.2	48.0	48.0	48.3	48.3	48.5	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 14000	.3	47.6	48.4	48.4	48.7	48.7	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	.3	47.7	48.5	48.5	48.8	48.8	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	.3	49.5	50.3	50.3	50.7	50.7	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 9000	.3	49.9	50.7	50.7	51.1	51.1	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 8000	.3	51.2	52.0	52.0	52.4	52.4	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 7000	.3	51.9	52.7	53.1	53.5	53.5	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 6000	.3	53.4	54.2	54.7	55.1	55.1	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 5000	.3	55.6	56.5	57.0	57.7	57.8	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	.3	56.6	57.4	57.9	58.6	58.7	59.0	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	.3	59.8	60.6	61.2	62.4	62.6	62.9	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 3500	.3	62.0	62.8	63.3	64.5	64.9	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 3000	.3	65.3	66.3	66.8	68.1	68.5	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.4	69.4	69.4
≥ 2500	.3	68.7	69.9	70.7	72.6	73.0	73.7	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 2000	.3	72.7	74.2	75.3	77.4	78.0	79.8	79.0	79.0	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 1800	.3	73.0	74.5	75.5	77.7	78.2	79.0	79.3	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7
≥ 1500	.3	73.9	75.4	76.6	78.9	79.4	80.4	80.6	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 1200	.3	75.3	77.3	78.8	81.0	81.9	82.8	83.1	83.2	83.5	83.5	83.5	83.6	83.6	83.6	83.6
≥ 1000	.3	75.3	77.3	79.0	81.9	82.7	83.6	84.0	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.8
≥ 900	.3	75.3	77.3	79.4	82.5	83.3	84.4	84.8	85.1	85.3	85.5	85.5	85.6	85.6	85.6	85.6
≥ 800	.3	75.4	77.6	79.8	83.2	84.1	86.3	86.7	87.4	87.8	88.0	88.0	88.2	88.2	88.2	88.2
≥ 700	.3	75.4	77.6	80.0	83.3	84.3	86.7	87.1	88.0	88.6	88.8	88.8	89.0	89.0	89.0	89.0
≥ 600	.3	75.4	77.6	80.2	83.7	84.7	87.1	87.6	88.8	89.4	89.7	89.7	89.8	89.8	89.8	89.8
≥ 500	.3	75.4	77.6	80.6	84.4	85.3	87.9	88.6	90.1	91.1	91.5	91.5	91.8	91.8	91.8	91.8
≥ 400	.3	75.4	77.6	80.6	84.7	85.6	88.3	89.0	90.7	91.9	92.5	92.5	92.7	92.7	92.7	92.7
≥ 300	.3	75.4	77.6	80.8	85.3	86.3	89.5	90.3	92.1	93.5	94.4	94.4	94.6	94.6	94.6	94.6
≥ 200	.3	75.4	77.6	80.8	85.6	86.6	90.2	91.8	94.4	96.4	97.2	97.2	97.6	97.7	97.7	97.6
≥ 100	.3	75.4	77.6	80.8	85.6	86.6	90.2	91.8	94.6	97.0	97.8	97.8	98.7	98.8	99.5	100.0
≥ 0	.3	75.4	77.6	80.8	85.6	86.6	90.2	91.8	94.6	97.0	97.8	97.8	98.7	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14601

BANGOR INTERNATIONAL

73-80

STATION

STATION NAME

YEARS

PLC

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING	25.4	43.5	44.0	44.2	44.2	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000	26.7	46.5	46.9	47.2	47.2	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7
≥ 18000	26.7	46.5	46.9	47.2	47.3	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.8
≥ 16000	26.7	46.5	46.9	47.2	47.3	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.8
≥ 14000	27.2	47.0	47.4	47.7	47.8	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4
≥ 12000	27.3	47.2	47.6	47.8	48.0	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5
≥ 10000	28.2	48.8	49.3	49.6	49.7	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.3
≥ 9000	28.8	50.1	50.7	50.9	51.1	51.3	51.3	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.7	51.7
≥ 8000	29.6	51.3	51.9	52.3	52.6	53.0	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.4	53.4
≥ 7000	30.3	52.4	53.0	53.6	54.0	54.4	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.9	54.9
≥ 6000	31.5	54.6	55.1	55.9	56.3	56.7	56.7	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5
≥ 5000	31.9	55.6	56.6	57.7	58.2	58.6	58.7	58.9	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5
≥ 4500	32.1	56.2	57.1	58.2	58.7	59.1	59.3	59.4	59.8	59.9	59.9	59.9	59.9	59.9	60.1	60.1
≥ 4000	32.9	58.1	59.0	60.1	60.6	61.0	61.2	61.3	61.7	61.8	61.8	61.8	61.8	61.8	62.0	62.0
≥ 3500	34.4	61.2	62.2	63.3	63.8	64.4	64.5	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 3000	34.9	63.3	64.4	65.5	66.0	66.5	66.7	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.5	67.5
≥ 2500	35.3	66.3	67.6	69.0	69.8	70.4	70.6	70.7	71.1	71.2	71.2	71.2	71.2	71.2	71.4	71.4
≥ 2000	37.0	69.2	71.1	72.7	73.7	74.3	74.5	74.6	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 1800	37.4	70.2	72.6	74.3	75.3	75.9	76.1	76.2	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.2
≥ 1500	37.8	72.0	74.6	76.5	77.4	78.1	78.6	78.8	79.4	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 1200	38.0	73.3	76.6	79.0	80.2	81.0	81.6	82.0	82.8	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 1000	38.0	73.4	76.9	79.4	81.0	81.9	82.5	83.5	84.3	84.9	84.9	84.9	84.9	84.9	85.1	85.1
≥ 900	38.2	73.5	77.3	80.2	81.9	82.7	83.6	84.7	85.5	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 800	38.3	73.7	77.4	80.6	82.4	83.3	84.4	85.5	86.7	87.4	87.5	87.5	87.5	87.5	87.6	87.6
≥ 700	38.4	73.8	77.7	81.3	83.3	84.5	85.9	87.1	88.3	89.0	89.1	89.1	89.1	89.1	89.2	89.2
≥ 600	38.6	74.2	78.2	82.1	84.4	85.8	87.4	88.7	90.1	90.7	90.9	91.0	91.0	91.0	91.1	91.1
≥ 500	38.6	74.2	78.2	82.1	84.5	86.0	87.8	89.1	90.9	91.9	92.1	92.2	92.2	92.2	92.3	92.3
≥ 400	38.6	74.2	78.4	82.4	85.3	87.1	89.1	90.5	92.5	94.0	94.1	94.2	94.2	94.2	94.4	94.4
≥ 300	38.6	74.2	78.4	82.8	85.8	87.5	89.5	91.4	93.8	95.6	95.7	95.8	96.0	96.0	96.1	96.1
≥ 200	38.6	74.2	78.4	82.8	85.9	87.8	90.1	91.9	94.4	96.4	96.5	96.6	97.0	97.0	97.3	97.3
≥ 100	38.6	74.2	78.4	82.8	85.9	87.8	90.1	92.1	94.8	96.8	97.0	97.2	98.1	98.1	99.1	99.6
≥ U	38.6	74.2	78.4	82.8	85.9	87.8	90.1	92.1	94.8	96.8	97.0	97.2	98.1	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

14601

FANGOR INTERNATIONAL

73-80

760

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1960-1960  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
≥ 20000	40.5	41.7	42.1	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	44.3	46.1	46.5	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 16000	44.3	46.1	46.5	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 14000	45.6	46.8	47.2	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0
≥ 12000	46.6	47.8	48.3	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1
≥ 10000	49.6	50.9	51.3	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2
≥ 8000	49.7	51.2	51.6	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4
≥ 6000	52.4	53.9	54.4	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2
≥ 4000	53.2	54.8	55.4	55.9	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5
≥ 2500	54.8	56.5	57.0	57.5	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2
≥ 1500	56.2	58.2	59.3	59.5	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2
≥ 1000	57.7	59.0	59.8	60.3	60.5	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0
≥ 750	59.4	61.7	62.8	63.3	63.4	63.8	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2
≥ 500	60.6	63.3	64.5	65.1	65.2	65.6	66.7	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1
≥ 300	61.7	64.5	65.7	66.3	66.5	67.1	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6
≥ 200	63.2	66.4	67.7	68.3	69.0	69.6	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4
≥ 150	66.1	69.9	71.4	72.2	73.4	74.2	74.9	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4
≥ 100	68.3	72.4	73.9	75.0	76.5	77.3	78.1	78.4	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8
≥ 75	69.5	73.9	75.5	77.0	78.9	79.7	80.8	81.0	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5
≥ 50	70.0	74.7	76.3	78.1	80.0	81.5	82.7	83.2	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0
≥ 30	70.0	74.9	76.5	78.4	80.6	81.9	83.2	83.9	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9
≥ 15	70.0	75.0	76.7	78.8	82.0	83.2	85.1	85.8	86.7	87.2	87.5	87.6	87.6	87.6	87.6	87.6
≥ 10	70.2	75.4	77.2	79.4	83.1	84.7	86.7	87.4	88.3	89.0	89.2	89.4	89.4	89.4	89.4	89.4
≥ 5	70.4	75.9	77.7	80.1	84.1	85.9	88.3	89.0	90.1	90.7	91.3	91.4	91.7	91.7	91.7	91.7
≥ 3	70.4	76.1	78.1	80.6	85.1	87.0	89.4	90.2	91.4	92.3	93.0	93.1	93.5	93.5	93.5	93.5
≥ 2	70.4	76.1	78.4	80.9	85.5	87.9	90.5	91.7	93.0	94.0	94.6	94.8	95.2	95.2	95.2	95.2
≥ 1	70.4	76.1	78.6	81.2	85.9	88.6	91.1	92.3	94.0	95.3	96.5	96.6	97.2	97.2	97.2	97.2
≥ ½	70.4	76.1	78.6	81.2	85.9	88.6	91.3	92.9	94.6	96.1	97.6	97.7	98.5	98.5	98.5	98.5
≥ ¼	70.4	76.1	78.6	81.2	85.9	88.6	91.3	92.9	94.6	96.5	98.3	98.4	99.7	99.7	99.7	99.7
≥ 1/8	70.4	76.1	78.6	81.2	85.9	88.6	91.3	92.9	94.6	96.5	98.3	98.4	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

19671

BANGOR INTERNATIONAL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING	39.7	40.7	41.7	42.7	43.7	44.7	45.7	46.7	47.7	48.7	49.7	50.7	51.7	52.7	53.7	54.7
≥ 2000	45.2	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 1800	45.2	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 1600	45.3	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 1400	46.1	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 1200	47.2	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 1000	50.3	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 900	51.3	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 800	53.2	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 700	54.3	55.6	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 600	56.5	58.1	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 500	58.5	60.2	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 450	59.4	61.2	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 400	62.6	64.6	65.5	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 350	65.1	67.5	68.3	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 300	65.5	67.9	68.7	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 250	68.1	71.0	71.8	71.8	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 200	70.8	73.9	74.9	74.9	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 180	71.6	74.9	75.8	75.8	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 150	73.1	76.5	77.4	77.4	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 120	74.1	77.6	78.5	78.5	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 100	74.7	78.9	79.8	79.8	81.0	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 90	75.3	79.6	80.6	80.6	82.0	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 80	75.4	80.0	81.2	81.2	82.5	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 70	75.4	80.4	81.7	81.7	83.1	85.5	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 60	75.4	80.9	82.4	82.4	83.9	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 50	75.4	80.9	82.5	82.5	84.0	86.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 40	75.4	80.9	82.5	82.5	84.0	86.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 30	75.4	80.9	82.5	82.5	84.0	86.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 20	75.4	80.9	82.5	82.5	84.0	86.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 10	75.4	80.9	82.5	82.5	84.0	86.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 0	75.4	80.9	82.5	82.5	84.0	86.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14571 BANGOR INTERNATIONAL

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 2000	28.5	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 1800 ≥ 1500	32.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 1400 ≥ 1200	33.9	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 1000 ≥ 900	36.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 800 ≥ 700	37.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 600 ≥ 500	39.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 450 ≥ 400	40.3	59.5	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 350 ≥ 300	42.4	63.8	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 250 ≥ 200	43.3	65.9	66.5	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 180 ≥ 150	44.9	67.9	68.5	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 120 ≥ 100	46.5	70.4	71.2	71.5	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 90 ≥ 80	49.3	75.0	75.8	76.3	76.7	76.7	76.9	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 70 ≥ 60	49.3	75.3	76.1	76.6	77.0	77.0	77.3	77.4	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 50 ≥ 40	50.9	78.4	79.3	79.8	80.5	80.8	81.0	81.3	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 30 ≥ 20	51.2	79.2	80.2	81.3	82.3	82.7	82.9	83.2	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10 ≥ 0	51.5	79.6	81.0	82.5	83.9	84.4	84.8	85.1	85.5	85.9	86.2	86.2	86.2	86.2	86.2	86.2
≥ 900	51.6	80.1	81.7	83.2	85.1	85.9	86.6	86.8	87.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	51.6	80.4	82.0	83.6	86.2	87.1	87.9	88.3	88.7	89.1	89.5	89.5	89.5	89.5	89.5	89.5
≥ 700	51.6	80.5	82.1	83.9	86.8	88.0	89.2	89.8	90.3	90.7	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	51.6	80.6	82.4	84.4	87.4	89.1	90.5	91.0	91.9	92.6	93.1	93.1	93.3	93.3	93.3	93.3
≥ 500	51.6	80.6	82.4	84.5	87.9	89.8	91.3	92.1	93.5	94.5	95.2	95.3	95.4	95.4	95.4	95.4
≥ 400	51.6	80.6	82.4	84.7	88.0	90.2	91.9	92.7	94.2	95.2	95.8	96.0	96.1	96.1	96.1	96.1
≥ 300	51.6	80.6	82.4	84.7	88.2	90.3	92.3	93.8	95.4	96.6	97.4	97.7	98.0	98.0	98.0	98.0
≥ 200	51.6	80.6	82.4	84.7	88.2	90.3	92.5	94.1	95.8	97.2	98.0	98.4	98.7	98.7	98.7	98.7
≥ 100	51.6	80.6	82.4	84.7	88.2	90.3	92.5	94.1	95.8	97.2	98.0	98.4	98.8	98.8	98.9	99.2
≥ 0	51.6	80.6	82.4	84.7	88.2	90.3	92.5	94.1	95.8	97.2	98.0	98.4	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	.3	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	.3	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	.3	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 16000	.3	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 14000	.3	48.1	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	.3	49.2	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 10000	.3	52.6	52.7	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 9000	.3	52.6	52.7	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	.3	55.1	55.4	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 7000	.3	56.2	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	.3	57.9	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 5000	.3	59.9	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4500	.3	60.2	60.9	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4000	.3	62.2	62.9	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3500	.3	64.0	64.7	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	.3	66.7	67.5	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 2500	.3	69.2	70.4	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	.3	72.7	73.9	74.9	75.5	75.7	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800	.3	73.8	75.0	76.1	77.2	77.3	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1500	.3	75.8	77.0	78.2	80.0	80.1	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	.3	77.4	78.8	80.6	82.7	83.1	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1000	.3	78.0	79.7	82.1	84.5	84.9	85.2	85.6	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 900	.3	78.2	80.0	82.7	85.5	86.0	86.3	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	.3	78.5	80.4	83.5	87.1	87.9	88.6	89.0	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2
≥ 700	.3	78.5	80.5	83.6	87.6	88.8	89.9	90.5	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	.3	78.5	80.5	84.3	88.4	89.9	91.4	92.1	93.1	93.5	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	.3	78.5	80.5	84.4	89.2	91.1	92.7	93.7	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	.3	78.5	80.5	84.5	89.5	91.5	93.3	94.2	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	.3	78.5	80.5	84.5	89.7	91.7	93.5	94.5	96.0	96.8	97.2	97.2	97.3	97.3	97.4	97.4
≥ 200	.3	78.5	80.5	84.5	89.7	91.7	93.7	94.9	96.4	97.4	98.0	98.1	98.3	98.4	98.5	98.5
≥ 100	.3	78.5	80.5	84.5	89.7	91.7	93.7	94.9	96.4	97.4	98.7	98.3	98.5	98.7	99.1	99.2
≥ 0	.3	78.6	80.6	84.7	89.8	91.8	93.8	95.0	96.5	97.6	98.1	98.4	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14631  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.6
≥ 18000	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.5
≥ 16000	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.5
≥ 14000	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.3
≥ 12000	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.5
≥ 10000	49.6	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.3
≥ 9000	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.7
≥ 8000	53.5	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.2
≥ 7000	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8
≥ 6000	55.5	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.6
≥ 5000	57.8	58.7	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.7
≥ 4500	59.4	60.5	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.4
≥ 4000	61.2	63.3	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.2
≥ 3500	65.2	66.4	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.6
≥ 3000	67.2	68.7	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4
≥ 2500	69.2	71.1	72.4	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.4
≥ 2000	71.6	73.5	75.3	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.3
≥ 1800	71.9	73.8	75.5	76.1	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7
≥ 1500	73.8	75.9	77.8	78.6	78.8	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.6
≥ 1200	75.3	77.8	79.8	81.2	81.6	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.7
≥ 1000	76.3	79.4	81.7	83.6	84.0	84.4	84.7	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.5
≥ 900	76.6	79.8	82.1	84.4	84.8	85.2	85.5	85.8	85.9	86.0	86.0	86.0	86.2	86.2	86.3	86.4
≥ 800	77.2	80.5	83.1	86.0	86.7	87.5	87.8	88.0	88.3	88.4	88.4	88.4	88.6	88.6	88.7	88.8
≥ 700	77.2	80.8	83.5	86.6	87.5	89.0	89.2	90.1	90.5	90.6	90.6	90.6	90.7	90.7	90.9	91.0
≥ 600	77.2	80.9	83.7	87.0	88.0	89.7	90.1	90.9	91.4	91.5	91.5	91.5	91.7	91.7	91.8	91.9
≥ 500	77.3	81.0	84.0	87.4	88.6	90.3	91.0	91.8	92.5	92.6	92.6	92.6	92.7	92.7	92.9	93.0
≥ 400	77.3	81.0	84.3	87.8	89.0	91.0	92.2	93.1	93.8	94.2	94.2	94.4	94.4	94.4	94.5	94.8
≥ 300	77.3	81.0	84.3	87.8	89.0	91.3	92.6	94.1	95.0	95.7	95.7	96.4	96.4	96.4	96.5	96.8
≥ 200	77.3	81.0	84.3	87.8	89.1	91.5	93.0	94.6	96.0	96.8	97.2	98.1	98.3	98.3	98.4	98.7
≥ 100	77.3	81.0	84.3	87.8	89.1	91.5	93.0	94.9	96.4	97.4	97.8	98.8	98.8	98.9	99.2	99.5
≥ 0	77.3	81.0	84.3	87.8	89.1	91.5	93.0	94.9	96.4	97.4	97.8	98.8	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14601  
STATION

BANGOR INTERNATIONAL  
STATION NAME

73-80  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	16.8	43.3	43.6	43.8	43.8	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1
≥ 2000	18.8	46.6	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
≥ 1800	18.8	46.6	47.0	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
≥ 1600	18.8	46.6	47.0	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.5
≥ 1400	19.1	47.3	47.6	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1
≥ 1200	19.5	48.0	48.4	48.5	48.6	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9
≥ 1000	20.7	50.5	50.9	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
≥ 900	20.9	51.0	51.4	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9
≥ 800	21.7	53.1	53.7	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3
≥ 700	22.0	54.0	54.6	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4
≥ 600	22.9	55.8	56.4	56.7	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
≥ 500	23.4	57.8	58.6	59.1	59.3	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8
≥ 4500	23.7	58.7	59.5	60.0	60.3	60.5	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4000	24.3	61.5	62.4	63.0	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥ 3500	25.9	63.9	64.9	65.5	65.9	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3000	26.0	66.0	67.1	67.8	68.3	68.5	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 2500	26.9	68.7	70.1	70.9	71.7	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 2000	28.0	72.1	73.6	74.7	75.6	75.9	76.2	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 1800	28.2	72.6	74.2	75.4	76.4	76.7	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1500	28.8	74.6	76.2	77.5	78.8	79.2	79.6	79.8	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1200	29.2	75.9	77.6	79.6	81.1	81.7	82.3	82.5	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	29.4	76.5	78.6	80.8	82.7	83.4	84.1	84.5	85.0	85.3	85.5	85.5	85.5	85.5	85.5	85.6
≥ 900	29.5	76.8	79.0	81.3	83.6	84.3	85.1	85.6	86.2	86.4	86.6	86.6	86.6	86.6	86.7	86.7
≥ 800	29.5	77.0	79.4	81.9	84.6	85.5	86.7	87.2	88.0	88.4	88.7	88.7	88.7	88.7	88.7	88.8
≥ 700	29.5	77.2	79.6	82.3	85.3	86.4	87.9	88.6	89.5	90.0	90.2	90.3	90.3	90.3	90.3	90.3
≥ 600	29.6	77.4	79.9	82.9	86.0	87.3	89.0	89.8	90.9	91.5	91.9	91.9	92.0	92.0	92.1	92.1
≥ 500	29.6	77.4	80.0	83.1	86.5	87.9	89.9	90.8	92.1	92.9	93.3	93.4	93.6	93.6	93.6	93.7
≥ 400	29.6	77.4	80.0	83.3	86.8	88.5	90.7	91.8	93.2	94.2	94.7	94.7	94.9	94.9	95.0	95.0
≥ 300	29.6	77.4	80.0	83.4	87.1	88.8	91.2	92.5	94.3	95.5	96.2	96.2	96.7	96.7	96.8	96.8
≥ 200	29.6	77.4	80.0	83.4	87.1	88.9	91.5	93.2	95.1	96.6	97.4	97.5	98.1	98.2	98.3	98.4
≥ 100	29.6	77.4	80.0	83.4	87.1	88.9	91.5	93.2	95.2	96.9	97.7	97.9	98.8	99.0	99.3	99.6
≥ 0	29.6	77.4	80.0	83.4	87.2	89.0	91.5	93.2	95.3	96.9	97.8	97.9	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5550

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

14-01

BANGOR INTERNATIONAL

73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO. CEILING ≥ 20000	22.3	45.1	45.8	46.5	46.9	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.4
≥ 18000	24.5	49.0	49.9	50.6	51.1	51.2	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.7
≥ 16000	24.6	49.1	50.0	50.7	51.2	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8
≥ 14000	24.6	49.1	50.0	50.6	51.2	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.8
≥ 12000	25.0	49.8	50.7	51.4	51.9	52.1	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.5	52.5
≥ 10000	25.5	50.6	51.5	52.3	52.8	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.4
≥ 8000	26.6	52.6	53.6	54.5	55.0	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.7
≥ 6000	26.3	53.1	54.1	54.9	55.5	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1
≥ 4000	28.1	55.5	56.6	57.5	58.1	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.8
≥ 2000	28.6	56.5	57.7	58.6	59.2	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	60.0
≥ 1000	29.3	58.1	59.4	60.3	61.0	61.2	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.8
≥ 500	30.5	60.7	62.1	63.2	63.9	64.1	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.8
≥ 400	31.1	61.8	63.2	64.3	65.1	65.3	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	65.9	66.0
≥ 300	32.5	64.6	66.1	67.3	68.1	68.4	68.7	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.1	69.1
≥ 200	33.5	66.6	68.2	69.4	70.3	70.6	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.3
≥ 100	34.5	68.5	70.2	71.5	72.5	72.9	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.6
≥ 50	35.2	70.1	72.0	73.4	74.5	74.9	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.7
≥ 20	35.9	71.9	73.9	75.5	76.7	77.1	77.6	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.1
≥ 10	36.1	72.3	74.4	76.0	77.3	77.7	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.7
≥ 5	36.6	73.3	75.5	77.2	78.6	79.1	79.6	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥ 2	37.0	74.5	76.8	78.9	80.4	81.0	81.6	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.4
≥ 1	37.2	75.1	77.6	79.8	81.6	82.3	83.0	83.2	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.9
≥ 0	37.3	75.4	78.0	80.4	82.4	83.1	83.8	84.1	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.8
≥ 0.5	37.4	75.8	78.6	81.2	83.4	84.2	85.1	85.4	85.7	86.0	86.1	86.1	86.1	86.2	86.2	86.3
≥ 0.2	37.4	76.1	79.1	81.9	84.4	85.4	86.4	86.8	87.2	87.5	87.5	87.5	87.5	87.6	87.6	87.8
≥ 0.1	37.5	76.4	79.6	82.8	85.7	86.8	88.0	88.5	89.0	89.3	89.4	89.4	89.4	89.5	89.6	89.7
≥ 0.05	37.5	76.6	80.0	83.4	86.7	88.0	89.5	90.1	90.7	91.2	91.3	91.4	91.4	91.5	91.5	91.7
≥ 0.02	37.5	76.7	80.2	83.9	87.5	89.1	91.0	91.7	92.5	93.1	93.3	93.3	93.3	93.5	93.6	93.7
≥ 0.01	37.5	76.7	80.3	84.1	88.0	89.8	92.1	93.1	94.2	94.9	95.2	95.3	95.3	95.6	95.6	95.8
≥ 0.005	37.5	76.7	80.3	84.1	88.0	90.0	92.5	93.6	95.1	96.2	96.6	96.7	96.7	97.3	97.3	97.6
≥ 0.002	37.5	76.7	80.3	84.1	88.1	90.0	92.5	93.7	95.3	96.5	97.1	97.3	97.3	98.1	98.3	99.2
≥ 0.001	37.5	76.7	80.3	84.1	88.1	93.0	92.5	93.7	95.3	96.5	97.1	97.3	97.3	98.2	98.4	99.0

TOTAL NUMBER OF OBSERVATIONS 70105

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

TOTAL SKY COVER

FOUR WAYS SKY COVER: AMOUNTS OF CLEAR, SCATTERED,  
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE  
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 5/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

## SKY COVER

74-81

JAN

STATION

STATION NAME

PERIOD

MON: H

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9		
JAN	00-02	35.2			8.4					9.2	47.2	5.8	739
	03-05	34.2			10.0					7.8	48.0	5.8	740
	06-08	30.8			11.9					13.1	44.2	6.0	738
	09-11	23.5			16.6					20.0	39.8	6.3	739
	12-14	17.6			16.8					22.8	42.7	6.8	744
	15-17	20.8			18.5					16.7	44.0	6.5	744
	18-20	31.9			14.8					11.8	41.5	5.7	744
	21-23	34.4			13.5					7.5	44.6	5.5	742
TOTALS		28.6			13.8					13.6	44.0	6.1	5930

FORM  
JUL 64

0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

FEB

**MONTH**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	39.6			8.6						9.2	42.6	5.3	676
	03-05	38.6			8.8						8.3	44.3	5.4	671
	06-08	27.0			12.6						19.9	40.5	6.2	677
	09-11	22.0			12.7						21.6	43.7	6.7	677
	12-14	22.5			13.2						20.1	44.1	6.6	675
	15-17	22.1			18.3						20.8	38.8	6.3	678
	18-20	31.9			20.0						11.0	37.2	5.3	677
	21-23	41.8			10.1						10.7	37.3	5.0	670
TOTALS		30.7			13.0						15.2	41.1	5.9	5399

## SKY COVER

MAF

**MONTH**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	36.9			7.8						6.8	48.4	5.7	739
	03-05	34.3			10.1						8.1	47.5	5.8	741
	06-08	20.7			17.6						13.3	48.3	6.6	743
	09-11	19.1			15.3						16.4	49.2	6.9	744
	12-14	16.1			16.5						17.2	50.1	7.1	744
	15-17	13.2			19.4						20.6	46.9	7.1	744
	18-20	26.0			16.2						13.3	44.5	6.1	743
	21-23	36.1			9.2						8.9	45.8	5.7	740
TOTALS		25.3			14.0						13.1	47.6	6.4	5938



## SKY COVER

APR

MONIH

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	33.8			14.4						10.0	41.8	5.5	717
	03-05	28.6			14.8						15.1	41.5	5.9	716
	06-08	22.1			18.2						14.8	44.8	6.4	718
	09-11	16.6			16.8						20.0	46.6	7.0	719
	12-14	11.7			14.5						26.1	47.7	7.6	719
	15-17	10.8			16.8						22.5	49.8	7.5	719
	18-20	17.9			19.4						19.0	43.6	6.7	720
	21-23	32.9			14.3						10.7	42.1	5.6	720
TOTALS		21.8			16.2						17.3	44.7	6.5	5748

FORM  
JUL 64

FORM 0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SKY COVER

74-81

MAY

STATION

STATION NAME

PERIOD

**MONTH**

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	30.5			14.7						11.1	43.8	5.8	742
	03-05	24.5			16.5						13.3	45.7	6.3	739
	06-08	19.5			15.2						18.5	46.8	6.8	739
	09-11	11.9			20.8						27.0	40.4	7.1	742
	12-14	8.1			20.6						30.0	41.3	7.4	741
	15-17	9.7			19.5						28.6	42.2	7.4	742
	18-20	17.3			18.9						24.0	39.9	6.7	742
	21-23	32.2			14.7						11.4	41.7	5.6	739

2

## SKY COVER

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	29.9			12.0						10.5	47.6	6.1	708
	03-05	17.2			16.6						16.7	49.5	7.0	711
	06-08	14.6			16.0						19.8	49.5	7.2	711
	09-11	10.6			17.7						24.9	46.9	7.5	719
	12-14	6.8			20.1						29.3	43.8	7.6	717
	15-17	7.4			20.6						30.4	41.6	7.5	717
	18-20	12.4			18.5						26.7	42.5	7.2	720
	21-23	24.4			16.1						14.1	45.4	6.3	714

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SKY COVER

JUL

MON'N

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	30.5			11.6						12.7	45.2	6.0	706
	03-05	21.7			11.9						17.3	49.0	6.8	722
	06-08	17.4			19.2						18.5	44.9	6.7	724
	09-11	12.8			23.3						26.1	37.9	6.8	729
	12-14	6.1			24.1						34.6	35.1	7.4	734
	15-17	5.9			27.3						35.0	31.8	7.2	735
	18-20	10.5			23.4						33.5	32.6	7.0	740
	21-23	25.6			21.2						16.2	37.0	5.8	716

## SKY COVER

456

MONTH

MONTH	HOURS IL ST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER								MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.			
		0	1	2	3	4	5	6	7			8	9	10
AUG	00-02	40.3			10.3						11.1	38.3	5.1	700
	03-05	31.0			12.6						14.3	42.1	5.9	713
	06-08	21.4			16.5						20.4	41.7	6.5	729
	09-11	17.1			19.7						26.7	36.5	6.6	742
	12-14	9.9			26.7						29.5	34.0	6.9	739
	15-17	11.8			29.0						27.3	31.8	6.5	735
	18-20	20.4			22.2						23.4	33.9	6.2	734
	21-23	34.6			14.8						16.4	34.2	5.3	714
TOTALS		23.3			19.0						21.1	36.6	6.1	5806

## SKY COVER

SEP

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	38.3			10.7						11.7	39.3	5.3	712
	03-05	36.2			10.5						10.1	43.2	5.5	704
	06-08	28.9			11.2						16.6	43.3	6.2	706
	09-11	18.6			22.1						21.8	37.6	6.4	716
	12-14	11.4			24.4						28.6	35.6	6.9	717
	15-17	14.5			26.0						26.8	32.7	6.5	719
	18-20	26.6			19.9						17.1	36.4	5.8	718
	21-23	36.4			12.9						11.9	38.9	5.3	707
TOTALS		26.4			17.2						18.1	38.4	6.0	5699

## SKY COVER

73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	31.8			11.7						12.9	43.6	5.9	729
	03-05	33.8			10.7						11.2	44.2	5.8	730
	06-08	24.6			12.1						18.1	45.2	6.5	736
	09-11	17.4			16.2						21.4	45.0	6.9	740
	12-14	16.3			15.6						25.1	43.0	7.0	742
	15-17	18.0			16.2						23.8	42.0	6.8	743
	18-20	29.6			12.2						12.9	45.2	6.1	743
	21-23	32.4			10.7						13.8	43.1	5.9	738
TOTALS		25.5			13.2						17.4	43.9	6.4	5901

## SKY COVER

NOV

**MONTH**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	30.3			10.6						11.3	47.8	6.1	714
	03-05	33.5			10.7						9.2	46.6	5.8	717
	06-08	18.0			18.4						19.7	43.9	6.7	717
	09-11	14.4			19.7						22.8	43.2	7.0	716
	12-14	11.9			19.2						26.0	42.9	7.2	720
	15-17	15.1			20.7						21.1	43.1	6.8	720
	18-20	24.1			16.2						13.4	46.3	6.3	717
	21-23	27.6			12.9						12.6	47.0	6.2	715
TOTALS		21.9			16.1						17.0	45.1	6.5	5736

FORM  
JUL 64

FORM 0-9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## SKY COVER

050

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8			9	10
DEC	00-02	32.6			8.9						7.8	50.7	6.0	743
	03-05	35.9			7.0						7.6	49.5	5.8	741
	06-08	28.6			12.0						12.6	46.8	6.2	744
	09-11	22.5			12.8						16.7	48.0	6.7	743
	12-14	17.6			14.7						21.0	46.8	7.0	744
	15-17	21.8			14.8						17.6	45.8	6.6	744
	18-20	29.9			11.2						9.7	49.2	6.1	742
	21-23	30.6			10.6						9.6	49.2	6.1	742
TOTALS		27.4			11.5						12.8	48.3	6.3	5943

USAFETAC FORM 0-9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

# SKY COVER

14601 BANGOR INTERNATIONAL

73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	28.6			13.8						13.6	44.0	6.1	5930
FEB		30.7			13.0						15.2	41.1	5.9	5399
MAR		25.3			14.0						13.1	47.6	6.4	5938
APR		21.8			16.2						17.3	44.7	6.5	5748
MAY		19.2			17.6						20.5	42.7	6.6	5926
JUN		15.4			17.2						21.6	45.9	7.1	5717
JUL		16.3			20.3						24.2	39.2	6.7	5806
AUG		23.3			19.0						21.1	36.6	6.1	5806
SEP		26.4			17.2						18.1	38.4	6.0	5699
OCT		25.5			13.2						17.4	43.9	6.4	5901
NOV		21.9			16.1						17.0	45.1	6.5	5736
DEC		27.4			11.5						12.8	48.3	6.3	5943
TOTALS		23.5			15.8						17.7	43.1	6.4	69549

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

## DAILY TEMPERATURES

48-49, 51-51

STATION

STATION NAME

YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95							8.	3.					1
92					5.	2.6	4.9	3.5	6.				1.0
85				1.	2.6	9.4	16.9	12.6	2.7	2.			3.8
80					5.3	23.8	45.0	35.2	9.3	9.			10.2
75				1.1	13.5	44.3	71.9	61.8	19.4	3.4			18.3
70			2.	2.7	26.6	67.5	88.7	86.3	40.6	8.1	2.		27.2
65			7.	7.5	44.9	81.8	97.2	95.9	65.1	19.4	1.0		35.0
60			1.2	17.3	65.6	92.3	99.6	99.0	85.4	38.2	5.3		42.7
55	1.	6.	3.1	32.3	81.5	98.7	100.0	100.0	96.1	60.8	14.7	1.5	49.9
50	1.3	2.3	10.3	54.1	92.8	99.8		99.8	80.7	29.5	4.5		57.1
45	4.6	5.7	23.8	75.8	98.3	100.0		100.0	92.6	48.7	12.5		64.4
40	11.1	14.4	43.8	91.5	99.7				98.2	67.7	22.4		71.6
35	24.5	31.4	69.2	97.8	100.0				99.5	85.7	36.1		79.4
30	42.5	52.5	86.0	99.7					99.9	96.6	55.8		86.6
25	60.4	70.1	94.5	100.0					100.0	99.2	74.2		91.9
20	74.2	84.5	99.0							99.9	86.3		95.5
15	86.5	92.6	99.5								93.2		97.7
10	94.5	96.7	100.0								100.0		99.1
5	98.0	98.9										99.2	99.7
0	99.2	99.7										100.0	99.9
-5	99.8	100.0											100.0
-10	100.0												100.0
MEAN	26.9	29.6	38.5	51.0	63.5	72.9	78.2	76.7	68.0	57.0	44.3	31.2	51.2
S D	10.752	10.061	8.648	8.961	9.787	8.677	6.927	6.982	8.021	8.901	9.036	10.795	20.161
TOTAL OBS	930	876	1011	990	1020	959	992	992	960	985	930	961	11606

## DAILY TEMPERATURES

STATION

STATION NAME

YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

**USAFETAC** FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## DAILY TEMPERATURES

48-49, 51-81

STATION

STATION NAME

YEARS

12 FEB 84

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.4	1.6	.8					.3
75					.2	3.6	11.8	8.8	1.9				2.2
70					2.4	15.4	41.6	33.2	7.3	.4			8.5
65				.1	6.9	40.3	77.7	65.0	19.8	1.6			17.9
60				.8	19.4	67.9	96.5	90.9	43.5	7.7			27.7
55			.2	3.8	41.4	90.4	100.0	98.7	67.0	20.8	2.0		35.9
50			.7	12.9	68.6	99.1		99.8	88.2	41.4	8.3	.4	44.0
45	.3	.5	3.4	34.1	91.2	99.9		100.0	96.5	65.6	18.5	2.3	52.0
40	2.0	2.9	13.4	64.7	98.9	100.0			99.9	86.7	39.1	6.5	60.4
35	6.9	9.4	33.3	89.6	99.9				100.0	96.4	61.9	17.6	68.8
30	18.6	20.5	58.2	97.5	100.0					99.5	82.7	30.1	76.4
25	30.4	36.2	76.3	99.6						100.0	94.6	45.8	82.6
20	45.7	54.4	88.1	99.9							98.6	64.8	88.1
15	62.2	71.3	96.1	100.0							99.8	78.9	92.7
10	77.5	84.0	99.0								100.0	89.8	96.1
5	88.5	93.3	99.9									95.4	98.2
0	94.8	97.0	100.0									97.5	99.2
-5	98.2	99.1										99.6	99.7
-10	99.1	99.7										100.0	99.9
-15	100.0	100.0											100.0
MEAN	18.3	20.4	30.4	42.2	53.4	62.9	68.4	66.9	58.3	48.0	37.3	23.4	44.2
S.D.	11.286	10.656	8.485	6.618	7.067	6.290	5.83	5.581	7.290	7.713	8.331	10.947	19.161
TOTAL OBS.	930	875	1011	990	1020	959	992	992	960	985	930	961	11605

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

48-49, 51-81  
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48		*	57	62*	77	85	92	95	88	72	64	52	
49	51	50	59	73	81	90	97	93	81*	76			
51		*	60	68	87	86	88	88	86	72	67	55	
52	48	43	51	69	80	88	96	95	82	69	63	45	96
53	50	51	67	64	86	88	95	93	89	76	72	57	95
54	49	56	54	72	78	88	82	86	78	80	59	53	88
55	33	50	55	66	85	89	94	93	82	72	53	36	94
56	50	43	48	67	80	94	87	90	83	80	64	50	94
57	51	42	52	74	88	94	93	85	82	75	59	57	94
58	47	39	50	71	73	80	89	84	82	78	64	43	89
59	49	43	58	71	90	90	92	92	85	76	64	52	92
60	47	43	45	69	86	86	88	89	92	65	60	49	92
61	43	46	54	66	87	90	88	88	91	76	62	49	91
62	48	41	62	66	89	90	86	79	75	72	56	53	90
63	42	40	53	63	80	93	96	83	76	82	63	46	96
64	47	39	55	75	91	84	90	86	75	77	60	50	91
65	40	42	51	66	78	91	91	93	90	75	62	44	93
66	54	54	54	64	87	90	92	86	82	75	62	59	92
67	43	43	48	63	69	89	84	86	80	72	61	46	89
68	39	46	55	75	80	86	94	89	87	86	59	53	94
69	42	45	47	67	87	90	93	86	87	67	58	58	93
70	39	51	52	78	79*	86	90	91	81	79	62	49	91
71	41	43	50	62	77	94	92	90	91	78	67	46	94
72		48	47	69	88	76	84	87	82	67	55	49	
73	47	50	59	77	72	86	94	87	84	70	57	59	94
74	57	48	64	74	75	89	87	88	83	76	71	58	89
75	49	45	48	63	85	93	92	102	77	74	67	57	102
76	49	54	58	86	83	93	90	93	81	70	52	50	93
77	44	38	71	76	91	85	94	88	74	69	63	45	94
78	50	32	50	59	88	82	91	92	86	77	62	45	92
MEAN													
S D.													
TOTAL OBS													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 OBS)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

48-49, 51-81 \_\_\_\_\_ YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM  
JUL 64

0-88.5 (OL A)

1) (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUE

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

49-49, 51-81

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
48		*	-8	21*	32	42	48	50	30	21	20	-1	
49	-6	-10	6	25	35	36	45	43	32*	30			
51		*	16	27	28	40	50	47	34	26	6	-18	
52	-13	1	4	26	28	47	48	46	34	25	15	-3	-1
53	3	-3	0	25	33	40	48	44	32	27	18	4	
54	-15	-11	10	7	36	43	46	45	40	29	21	2	-1
55	-11	-21	5	26	36	41	51	48	32	26	18	-11	-2
56	-14	-6	-2	20	28	40	50	41	31	23	12	-9	-1
57	-24	-4	12	20	33	40	50	43	37	21	9	9	-2
58	-2	-14	18	26	32	37	51	46	39	25	7	-11	-1
59	-7	-11	4	24	34	46	52	44	33	20	15	3	-1
60	-13	-7	2	21	31	41	51	46	35	24	20	-4	-1
61	-17	-10	5	27	33	41	50	47	37	28	18	5	-1
62	-16	-30	1	21	33	43	42	47	34	25	12	-9	-1
63	-15	-19	-2	21	31	45	48	43	28	24	17	-15	-1
64	-3	-8	-2	14	33	37	50	43	29	28	9	-15	-1
65	-19	-15	9	20	30	46	43	39	27	24	14	-4	-1
66	-7	-16	11	24	27	40	46	48	32	21	17	5	-1
67	-10	-19	-6	18	29	37	49	48	33	28	12	-9	-1
68	-17	-11	-1	24	31	42	46	44	39	34	17	-9	-1
69	-4	-12	-5	12	29	38	41	41	33	19	10	-4	-1
70	-7	-11	6	20	33*	38	47	46	41	23	10	-19	-1
71	-28	-28	1	17	33	39	44	43	34	26	12	-5	-1
72	*	-17	-10	16	29	38	49	45	35	19	10	-1	-1
73	-15	-19	-1	19	32	40	53	44	31	25	15	4	-1
74	-22	-4	6	21	29	39	50	47	31	23	6	0	-1
75	-12	-14	-5	14	32	38	52	43	36	27	14	-21	-1
76	-23	-1	-1	17	30	39	47	45	32	22	14	-10	-1
77	-13	-8	16	14	29	46	47	43	37	28	16	-8	-1
78	-7	-6	-1	22	30	44	46	39	33	24	5	-8	-1
MEAN													
S D													
TOTAL OBS													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM  
JUL 64

0-88-5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

AD-A113 178

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
BANGOR INTERNATIONAL/DOW AFB, MAINE. REVISED UNIFORM SUMMARY OF--ETC (U)  
NOV 81

UNCLASSIFIED

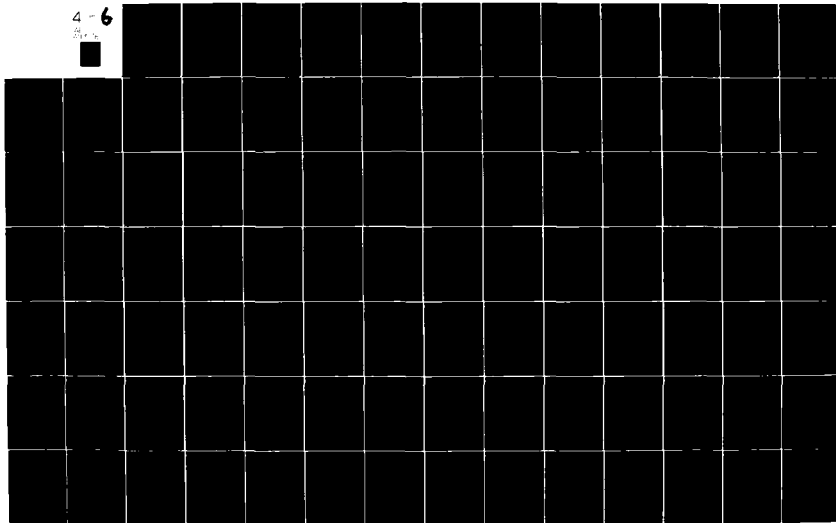
USAFETAC/DS-81/105

SBI-AD-E850 131

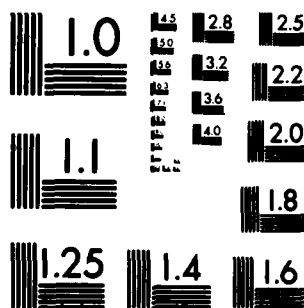
NL

4-6

21-10



13178



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

## EXTREME VALUES

(FROM DAILY OBSERVATIONS)

48-49, 51-81

YEARS

[illegible]

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM  
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14671 BANGOR INTERNATIONAL

74-81

JAN

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
52/ 51	.1	.1																2	2	1	1		
50/ 49	.3	.1																3	3	3	3		
48/ 47	.1	.1																2	2	2	2		
46/ 45	.3	.1																3	3	3	3		
44/ 43	.1	.4																4	4	4	1		
42/ 41	.4	.4	.1															7	7	6	5		
40/ 39	.9	.7																12	12	11	10		
38/ 37	.8	1.9		.1														21	21	15	10		
36/ 35	2.2	.7	.4	.4														27	27	24	25		
34/ 33	1.1	.9	.1	.1														17	17	17	14		
32/ 31	.8	1.7	.7	.1														25	25	17	14		
30/ 29	1.1	2.0	.7	.3														30	30	25	15		
28/ 27	.3	1.7	.5	.1														20	20	27	13		
26/ 25	.4	1.5	2.0															29	29	17	16		
24/ 23	.4	2.3	.8															26	26	27	20		
22/ 21	1.1	2.2	.8															30	30	38	13		
20/ 19	.5	4.0	2.2															50	50	30	25		
18/ 17	1.2	3.4	1.5															45	45	46	18		
16/ 15	.5	3.5	.5															34	34	39	22		
14/ 13	.7	4.2	.9															43	43	45	36		
12/ 11	1.5	4.8																47	47	42	49		
10/ 9	1.1	5.6	.1															51	51	60	36		
8/ 7	.3	3.2																26	26	37	33		
6/ 5	.5	4.2																35	35	34	37		
4/ 3	1.3	3.5																36	36	39	27		
2/ 1	.8	2.6																25	25	35	48		
0/ -1	1.5	1.1																19	19	17	28		
-2/ -3	2.2	.5																20	20	27	29		
-4/ -5	1.7	.4																16	16	15	36		
-6/ -7	1.5																	11	11	13	18		
-8/ -9	1.1																	8	8	8	23		
-10/ -11	.8																	6	6	6	31		
-12/ -13	.7																	5	5	5	30		
-14/ -15	.7																	5	5	5	10		
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

2

20

**JAN**  
MONTH

MOUSE L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
52/ 51	.1	.1																2	2	1	1										
50/ 49		.3																2	2	2	2										
48/ 47	.4																	3	3	4	4										
46/ 45		.1																1	1												
44/ 43		.9																7	7	2	2										
42/ 41	.1	.1																2	2	7	3										
40/ 39	.7	.4	.3															10	10	9	9										
38/ 37	.5	1.3	.1															15	15	7	6										
36/ 35	1.6	.7		.3														19	19	23	22										
34/ 33	2.3	.1	.5															22	22	21	22										
32/ 31	.9	1.2	.9	.1														24	24	10	12										
30/ 29	1.1	1.9	1.5															33	33	25	11										
28/ 27	.5	2.0																19	19	27	4										
26/ 25	.3	2.4	1.1															28	28	29	17										
24/ 23	.9	1.6	.8															25	25	29	21										
22/ 21	.7	1.6	1.3															27	27	24	22										
20/ 19	.8	5.2	.8															51	51	30	27										
18/ 17	1.1	3.1	1.2															40	40	53	21										
16/ 15	1.1	2.3	.8															31	31	36	25										
14/ 13	.1	4.7	.8															42	42	27	35										
12/ 11	2.7	3.5	.1															47	47	56	31										
10/ 9	1.1	4.4	.3															43	43	46	33										
8/ 7	.8	4.7																41	41	41	37										
6/ 5	1.1	4.2																39	39	44	30										
4/ 3	.5	2.3																21	21	35	30										
2/ 1	1.2	2.7																29	29	28	40										
0/ -1	1.2	1.5																20	20	16	33										
-2/ -3	2.3	1.3																27	27	33	33										
-4/ -5	1.3	.4																13	13	17	37										
-6/ -7	2.2																	16	16	17	14										
-8/ -9	1.6																	12	12	12	27										
-10/ -11	1.5																	11	11	11	28										
-12/ -13	.8																	6	6	6	24										
-14/ -15	.5																	4	4	4	14										
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ										
Rel. Hum.																															
Dry Bulb																															
Wet Bulb																															
Dew Point																															
																		Mean No. of Hours with Temperature													
																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							



2

JAN

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 77

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	DANGOR INTERNATIONAL
STATION	STATION NAME

74-81

YEARS

JAN

MCNTH

PAGE 1 0600-0800

HOURS: 11:50 A.M.

[illegible]

2

2

JAN  
MONTH

PAGE 2 0600-0800  
HOURS L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

74-81  
YEARS

JAN  
MONTH

PAGE 1 1500-1700  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb		TOTAL Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



## PSYCHROMETRIC SUMMARY

JAN  
MONTH

PAGE 2      1500-1700  
MO-RS 11.5.71

[illegible]

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

74-81

YEARS

JAN  
MONTH

PAGE 1      1800-2000  
HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

74-81

YEARS

-IAN

MONTH

PAGE 2 1800-2000  
HQ 95-1-5-1

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 77

## PSYCHROMETRIC SUMMARY

JAN

PAGE 1 2100-2300

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

74-81

JAN

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
55/ 57			.0	.0														2	2																
56/ 55		.0			.0													2	2																
54/ 53																					2														
52/ 51	.1	.1		.0														7	7	4	5														
50/ 49	.2	.3		.0														30	30	21	16														
48/ 47	.2	.2		.0	.1													31	31	28	28														
46/ 45	.2	.4	.0	.0	.0	.0												41	41	33	27														
44/ 43	.2	.3		.1	.1													40	40	35	32														
42/ 41	.3	.3	.2	.0	.0													45	45	36	29														
40/ 39	.6	1.0	.4	.1														123	123	77	49														
38/ 37	.8	1.5	.4	.2	.0													169	169	128	75														
36/ 35	1.1	1.0	.2	.3	.0													163	163	164	152														
34/ 33	1.5	1.0	.7	.3	.0													204	204	198	152														
32/ 31	.9	1.2	1.1	.7	.1													239	239	135	159														
30/ 29	.7	1.9	1.2	.5	.1													260	260	188	85														
28/ 27	.6	2.1	1.5	.3														268	268	232	90														
26/ 25	.5	2.1	2.0	.3	.1													289	289	273	150														
24/ 23	.6	1.6	1.1	.3														213	213	314	149														
22/ 21	.6	2.0	1.9	.5														294	294	262	163														
20/ 19	.9	3.9	2.1	.3														423	423	317	212														
18/ 17	.8	3.1	2.3	.1														373	373	384	188														
16/ 15	.6	3.1	1.8															328	328	343	243														
14/ 13	.5	4.2	1.7															377	377	373	270														
12/ 11	.9	3.9	.8															335	335	374	337														
10/ 9	.6	4.4	.4															320	324	390	263														
8/ 7	.4	3.8	.1															253	253	334	261														
6/ 5	.5	2.9																202	203	262	250														
4/ 3	.4	2.7																185	186	219	245														
2/ 1	.5	2.7																191	192	208	358														
0/ -1	1.3	.8																128	128	154	249														
-2/ -3	1.3	.6																112	112	146	244														
-4/ -5	.8	.5																79	79	67	269														
-6/ -7	.9	.0																56	56	81	216														
-8/ -9	.8																	48	48	48	220														
Element (X)	$\Sigma x^2$			$\Sigma x$			$\bar{x}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.													$\leq 0 F$			$\leq 32 F$			$\geq 67 F$			$\geq 73 F$			$\geq 80 F$			$\geq 93 F$			Total				
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

74-81

JAN

PAGE 2

ALL

NO. 85 5 1

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

74-81

FEB

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
56/ 55		.1																1	1													
54/ 53		.1																1	1	1	1											
52/ 51																				1	1											
50/ 49		.1																1	1													
48/ 47	.4																	3	3	4	4											
46/ 45		.3																2	2	1												
44/ 43		.1																1	1	2	1											
42/ 41		.1	.1															2	2		2											
40/ 39	.3	.7	.7															12	12	4	2											
38/ 37	.3	.9	1.9	.1														22	22	8	2											
36/ 35	.3	1.3	1.0	.1														19	20	17	7											
34/ 33	.3	1.8	.6	.1														19	21	31	8											
32/ 31	.3	3.1	1.2	.3	.1													34	37	13	19											
30/ 29	.9	1.5	1.0	.3														25	27	37	23											
28/ 27	.7	1.3	1.9	.1														28	28	18	26											
26/ 25	2.2	3.0	1.0	.3														44	44	43	38											
24/ 23	.7	1.8	.7															22	22	34	12											
22/ 21	1.2	2.7	1.8															38	38	27	25											
20/ 19	1.0	4.9	1.0	.1														48	48	49	20											
18/ 17	.4	3.7	1.3															37	37	33	24											
16/ 15	.6	4.3	.3															35	35	38	35											
14/ 13	.3	5.2	.6															41	41	40	24											
12/ 11	.7	4.3	.1															35	35	37	37											
10/ 9	.6	4.5	.6															38	38	37	29											
8/ 7	.3	4.3																31	31	43	46											
6/ 5	.3	3.1																23	23	29	17											
4/ 3	.3	3.9																28	28	29	16											
2/ 1	.1	4.2																29	29	25	36											
0/ -1	1.3	.7																14	14	27	37											
-2/ -3	1.2	1.9																21	21	21	17											
-4/ -5	.3	.9																8	8	9	31											
-6/ -7	.4	.1																4	4	8	17											
-8/ -9	.4																	3	3	3	20											
-10/ -11	.1																	1	1	1	19											
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																																
Wet Bulb																																
Dew Point																																

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71







## PSYCHROMETRIC SUMMARY

<u>14601</u>	<u>BANGOR INTERNATIONAL</u>
STATION	STATION NAME

**74-81**

YEARS

**FEB**  
**MONTH**

PAGE 7      0300-0500  
HOURS L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

74-81

FEB

PAGE 1 0600-0800  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
54/ 53		.1																1	1	1	1					
52/ 51			.1															1	1							
50/ 49																				1						
48/ 47																					1					
44/ 43	.3	.6																6	6	5	2					
42/ 41		.4	.4															6	6	4	4					
40/ 39		1.2	.6	.1														13	14	2	3					
38/ 37	.1	1.2	.6															13	14	11	4					
36/ 35		1.6	.3															13	13	12	4					
34/ 33	.6	2.5	.3	.4														26	26	23	10					
32/ 31	1.2	3.1	.9	.3														37	37	31	29					
30/ 29	.3	1.3	1.8	.1														24	25	21	18					
28/ 27	.6	1.5	1.3	.3														25	26	25	26					
26/ 25	.6	1.3	.3															15	15	26	.6					
24/ 23		2.1	.4	.1														18	18	23	13					
22/ 21	.6	3.0	1.5	.1														35	35	27	14					
20/ 19	1.5	4.2	.4															41	41	42	22					
18/ 17	.4	4.3	.6	.1														37	37	28	31					
16/ 15	.4	5.5	.4															43	43	37	27					
14/ 13	.6	5.3	.3															42	42	44	29					
12/ 11	1.5	3.9	.6															40	41	47	29					
10/ 9	.6	5.8	.4															46	46	35	27					
8/ 7		4.6																31	31	48	34					
6/ 5	.4	3.1																24	24	29	35					
4/ 3	.6	2.4																20	20	25	33					
2/ 1	.3	4.3																31	31	28	38					
0/ -1	2.4	.9																22	22	29	28					
-2/ -3	1.2	2.5																25	25	20	18					
-4/ -5	.7	1.9																18	18	17	31					
-6/ -7	1.9																	13	13	25	28					
-8/ -9	.7																	5	5	5	24					
-10/-11	.3																	2	2	2	16					
-12/-13																					12					
-14/-15																					12					
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

## PSYCHROMETRIC SUMMARY

74-81

FEB

PAGE 2      0600-0800  
HOURS S. T.

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

74-81  
YEARS

FEB  
MONTH

PAGE 1 0900-1100  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
54/ 53				.1														1		1																		
52/ 51				.1														1		1																		
50/ 49				.1														1		1																		
48/ 47		.6	.3															6		6		4	1															
46/ 45		.4	.3															5		5		2	2															
44/ 43		1.5	.3		.1	.1												14		14		10																
42/ 41		.1	.4	.3	.1													7		7		8	12															
40/ 39		.7	.6	.6	.3													15		15		3	5															
38/ 37		1.3	.6	.4														16		16		9																
36/ 35	.4	2.1	1.3	1.8	.1													39		39		26	5															
34/ 33	.4	1.0	.9	.1	.1													18		18		27	15															
32/ 31	.6	1.9	2.1	.9	.1													38		38		22	23															
30/ 29	.6	.9	1.2	1.3														27		27		32	20															
28/ 27	.1	2.1	2.4	1.0														38		38		28	15															
26/ 25	.3	3.4	2.8	.1														45		45		38	15															
24/ 23	.3	1.8	2.1	.3														30		30		48	21															
22/ 21	.7	2.1	3.1	.4														43		43		42	19															
20/ 19	.3	5.6	5.6	.1														79		79		47	39															
18/ 17	.1	2.7	3.4															42		43		55	31															
16/ 15	.6	3.1	2.1															39		39		53	32															
14/ 13	.1	3.1	2.1															36		36		48	39															
12/ 11	.1	3.2	1.3															32		32		30	34															
10/ 9	.3	2.4	1.2															26		26		40	33															
8/ 7		1.9	.6															17		17		23	42															
6/ 5	.1	1.6																12		12		24	29															
4/ 3		1.6																11		11		10	33															
2/ 1		2.5																17		17		13	48															
0/ -1	.3	1.5																12		12		17	18															
-2/ -3		.9																6		6		12	27															
-4/ -5		.4																3		3		2	19															
-6/ -7	.1																	1		1		4	15															
-8/ -9																							12															
-10/ -11																							8															
-12/ -13																							10															
Element (X)	$\Sigma X^1$			$\Sigma X$			$\bar{X}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature																						
Rel. Hum.																																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

## PSYCHROMETRIC SUMMARY

<u>14601</u>	<u>BANGOR INTERNATIONAL</u>
STATION	STATION NAME

74-81

FEB

PAGE 2      0900-1100  
H2.85      S. Y.

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

74-81

FEB

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
58/ 57						.1												1		1															
56/ 55				.1	.3	.1												4		4															
54/ 53				.1	.3	.1												4		4															
52/ 51					.1	.3												3		3															
50/ 49		.4																3		3	2														
48/ 47		.9			.1													7		7	6	1													
46/ 45		.3	.3	.1	.6													9		9	11	3													
44/ 43		.4	.6	.9	.6	.7												22	22	6	5														
42/ 41		.1	.6	.6	.9	.1												16	16	5	7														
40/ 39	.1	1.5	.6	.7	.4	.3												25	25	10	2														
38/ 37	.1	.9	1.3	.9	.7													27	27	26	12														
36/ 35		1.0	1.2	1.3	.6	.1												29	29	23	15														
34/ 33	1.0	.6	.6	2.1	1.0													36	36	34	11														
32/ 31	.3	1.5	2.4	3.2	.4													53	53	26	20														
30/ 29	.7	1.3	2.9	3.5	.4													61	61	43	20														
28/ 27	.3	3.2	2.7	2.1														56	56	47	26														
26/ 25	.4	1.5	2.4	1.5														39	39	68	22														
24/ 23	.1	1.0	2.1	1.6														33	33	54	29														
22/ 21		1.9	5.9	1.0														60	60	44	20														
20/ 19	.1	2.8	4.4	.6														54	54	55	40														
18/ 17		1.5	2.9	.4														33	33	56	33														
16/ 15		.3	4.0															29	29	39	33														
14/ 13		1.2	2.5															25	25	29	33														
12/ 11		.3	1.6															13	13	34	48														
10/ 9		.1	1.6															12	12	15	39														
8/ 7		.1	1.0															8	8	13	34														
6/ 5		.7																5	5	12	28														
4/ 3		1.0																7	7	9	31														
2/ 1		.4																3	3	7	43														
0/ -1		.1																1	1	4	21														
-2/ -3																						14													
-4/ -5																							17												
-6/ -7																								11											
-8/ -9																									8										
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

74-81

YEARS

FEB  
MONTH

PAGE 2

1200-1400  
HOURS L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

74-81

FEB

PAGE 1 1500-1700  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
53/ 57							.1											1		1															
56/ 55					.1													1		1															
54/ 53					.1	.1												2		2															
52/ 51		.6			.1		.1											6	6		2	2													
50/ 49			.1	.1	.1													3	3		2														
48/ 47		.7		.7	.1	.1												12	12		2	1													
46/ 45		.6		.1	.1	.1												7	7		10	1													
44/ 43		.3	1.2	.9	.7	.3	.1											24	24		5	3													
42/ 41		.1	.3	.4	.6	.1	.1											12	12		9	7													
40/ 39	.4	.3	.6	1.2	.7	.1												23	23		15	8													
38/ 37	.1	1.0	1.0	1.8	.4													30	30		15	3													
36/ 35	.1	1.2	2.4	.7	1.2													38	38		27	9													
34/ 33	.1	.3	1.6	1.2	.7													27	27		30	15													
32/ 31		2.1	1.9	4.6	.9													64	64		32	21													
30/ 29	1.3	2.2	2.7	2.7	.6													64	64		46	17													
28/ 27	.9	2.1	2.2	2.9														55	55		54	28													
26/ 25	.7	.7	3.2	1.2														40	40		69	35													
24/ 23	.3	1.8	3.5	2.7														56	56		57	25													
22/ 21	.1	1.6	2.7	1.3														39	39		55	31													
20/ 19		1.8	5.8	.9														57	57		51	35													
18/ 17	.1	.9	2.9	.6														31	31		41	32													
16/ 15		.9	2.8															25	25		51	39													
14/ 13		.4	1.6															14	14		33	39													
12/ 11		.3	1.9															15	15		21	37													
10/ 9			1.5															10	10		10	35													
8/ 7		.1	1.0															8	8		15	41													
6/ 5		.7																5	5		7	18													
4/ 3		.7																5	5		10	20													
2/ 1		.6																4	4		5	49													
0/ -1																					4	17													
-2/ -3																						27													
-4/ -5																						6													
-6/ -7																						13													
-8/ -9																						9													
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$	$\sigma_x$	No. Obs.			Mean No. of Hours with Temperature										Total													
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

FEB

PAGE 2      1500-1700  
HOURS L. S. T.

[illegible]

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUN 71)



## PSYCHROMETRIC SUMMARY

FEB  
MON

PAGE 2 1800-2000  
HOURS S. T.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14501 BANGOR INTERNATIONAL  
STATION STATION NAME

74-81

YEARS

FEB

MONTH

PAGE 1 2100-2300  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
50/ 49	.1	.1																2	2	2	2														
48/ 47	.4	.1																4	4	4	4														
46/ 45		.1																1	1																
44/ 43		.7	.4															8	8	4	1														
42/ 41		.4	.1	.1														5	5	2	4														
40/ 39	.6	.1	.1	.4	.1													10	10	11	2														
38/ 37	.1	.9	1.3	.6														20	20	3	6														
36/ 35		1.8	1.6	.3	.1													26	26	10	4														
34/ 33	.6	2.4	1.6	.3	.1													34	34	34	13														
32/ 31	.7	2.4	1.2	.4														32	33	38	16														
30/ 29	.7	1.6	1.8	1.0														35	35	27	26														
28/ 27	1.9	.4	2.7	.7														39	39	36	35														
26/ 25	2.1	1.2	1.6	.1														34	34	38	29														
24/ 23	1.0	2.7	1.3															34	34	37	23														
22/ 21	1.2	2.8	2.2															42	42	42	15														
20/ 19	.6	5.2	3.9															65	65	43	28														
18/ 17	.3	2.7	1.6															31	31	48	30														
16/ 15	.1	3.1	2.1															36	36	39	22														
14/ 13	.6	3.7	1.5															39	39	39	40														
12/ 11	.6	3.3	.9															32	32	37	44														
10/ 9	.1	3.6	.6															29	29	35	39														
8/ 7	.4	4.6	.1															35	35	37	29														
6/ 5	.1	2.7																19	19	30	12														
4/ 3		2.5																17	17	20	30														
2/ 1	.3	2.7																20	20	19	38														
0/ -1	.3																	2	2	16	33														
-2/ -3	.3	2.1																16	16	8	17														
-4/ -5	.1	.6																5	5	9	28														
-6/ -7	.1																	1	1	5	15														
-8/ -9	.1																	1	1	1	12														
-10/-11																					21														
-12/-13																					4														
-14/-15																					15														
-16/-17																					9														
Element (X)	Σ X <sup>2</sup>		Σ X		X		X		X		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

YEARS

FEB  
MONTH

PAGE 2      2100-2300  
HOURS      S. T.

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 7)







GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

74-81

YEARS

MAR  
MONTH

PAGE 1

0000-0200

HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
52/ 51				.1														1	1																
50/ 49			.3															2	2																
48/ 47		.7																5	5	3	1														
46/ 45	.7	.9	.1	.3														15	15	12	8														
44/ 43	.4	.5	.1	.1														9	9	9	8														
42/ 41	.5	1.7	.3	.3	.5													25	25	15	9														
40/ 39	2.0	2.3	.4	.4														38	38	31	27														
38/ 37	2.4	3.2	1.3	.4	.1													56	56	36	25														
36/ 35	1.9	2.6	2.4	.4	.3													56	56	49	31														
34/ 33	1.5	4.2	4.0	.8	.1													79	79	43	38														
32/ 31	.1	5.4	3.9	1.7	.1													84	84	64	28														
30/ 29	1.2	2.3	3.2	1.7														63	63	75	41														
28/ 27	.7	1.7	2.3	1.2														44	44	56	48														
26/ 25		2.2	3.5	.1														43	43	63	48														
24/ 23		1.5	1.5	.1														23	23	37	22														
22/ 21		2.4	3.2	.9														49	49	47	27														
20/ 19	.5	2.3	2.6															40	40	42	45														
18/ 17		.9	2.2															23	23	36	47														
16/ 15		2.8	1.1															29	29	30	25														
14/ 13	.1	1.1	1.3															19	19	33	40														
12/ 11		1.2	.1															10	10	17	23														
10/ 9		.5																4	4	14	31														
8/ 7		.8																6	6	5	42														
6/ 5		.4																3	3	6	22														
4/ 3		.9																7	7	5	17														
2/ 1	.1	.9																8	8	8	19														
0/ -1	.4																	3	3	8	11														
-2/ -3																					14														
-4/ -5																					17														
-6/ -7																					10														
-8/ -9																					10														
-14/ -15																					3														
-16/ -17																					4														
-18/ -19																					3														
Element (X)	Σ X'			Σ X			X			e <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature							Total												
Rel. Hum.													≤ 0 F			≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F											
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

4AR

[illegible]



MAR  
1954

PAGE 2 0300-0500

[illegible]

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

PAGE 1 0600-0800  
H2 85 15 5 7

[illegible]

## PSYCHROMETRIC SUMMARY

MAR

[illegible]





## PSYCHROMETRIC SUMMARY

74-81

MAR  
MAY

PAGE 2 0900-1100  
HOURS S. S. T.

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

[illegible]

<u>14601</u>	<u>BANGOR INTERNATIONAL</u>
STATION	STATION NAME

74-81

MAR  
MENIN

PAGE 1 1500-1700

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

<u>14601</u>	<u>BANGOR INTERNATIONAL</u>
STATION	STATION NAME

74-81

YEARS

MAP  
MONIN

PAGE 2 1500-1700  
HOURS - S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
4/ 3																												18				
2/ 1																												16				
0/ -1																												14				
-2/ -3																												12				
-4/ -5																												10				
-6/ -7																												8				
-8/ -9																												6				
-10/-11																												4				
-12/-13																												2				
TOTAL	6.2	16.4	17.5	26.0	22.1	6.2	3.0	1.9	.4	.4															744		743					
																									743							



## PSYCHROMETRIC SUMMARY

YEARS

MAR  
MONTH

PAGE 2 1800-2000  
HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-6/-7																													5							
-8/-9																													7							
-10/-11																													4							
-12/-13																													2							
-14/-15																													1							
-16/-17																													1							
TOTAL	8.52	1.23	3.32	6.7	7.8	1.7	.4		.3																	744	744	744	744							
													</																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71





2

## PSYCHROMETRIC SUMMARY

MAR  
5 1954

PAGE 2      2100-2300  
HQ, AS, S, T.

USAFETAC FORM 0-26-3 OL A; PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

\_\_\_\_\_  
YEARS

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

74-81

MAR  
1954

PAGE 1

ALL

[illegible]

2

## PSYCHROMETRIC SUMMARY

74-81

MAP  
4-24-4

ALL

**HAS**

**USAFETAC FORM 0-26-3 OL A** PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JAN 73)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

<u>14601</u>	<u>DANGOR INTERNATIONAL</u>
STATION	STATION NAME

74-81

APR

PAGE 1 0000-0200  
HOURS 11:55 P.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
52/ 57		.3																2	2																
56/ 55		.4		.4														6	6	2															
54/ 53		.1	1.1	.1														10	10	3	3														
52/ 51		.4	.8	.4	.4													15	15	7	5														
50/ 49		1.1	.3	.6	.7	.1												20	20	9	4														
48/ 47	.3	1.1	1.0	.6	.1													22	22	18	9														
46/ 45	.4	1.5	1.8	.4	.6													34	34	22	23														
44/ 43	1.3	1.7	1.9	.8	.4													44	44	34	25														
42/ 41	.3	2.6	1.4	1.9	.1													46	46	34	10														
40/ 39	.8	3.5	1.9	1.9	.3													61	61	48	28														
38/ 37	.7	3.9	4.9	1.4	.3													80	80	58	36														
36/ 35	.6	5.0	5.7	1.9	.7													100	100	65	48														
34/ 33	1.4	5.0	5.8	1.4	.3													100	101	108	47														
32/ 31	.4	3.8	6.1	1.7	.3													88	88	76	71														
30/ 29	.1	1.8	2.5	1.1														40	40	66	58														
28/ 27		.4	1.4	.7														18	18		75														
26/ 25		1.0	1.0	.4														17	17	39	61														
24/ 23		.1	.7															6	6	19	32														
22/ 21		.1	.7															6	6	14	41														
20/ 19																				7	47														
18/ 17		.4																3	3	4	24														
16/ 15		.1																1	1	3	15														
14/ 13																				1	9														
12/ 11																					17														
10/ 9																					13														
8/ 7																					11														
6/ 5																					4														
4/ 3																					3														
TOTAL	6.3	34.5	39.1	15.9	4.2	.1												719	720	719	719														
Element (X)	Σx²			Σx		̄x	σx	No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	3948416			52164		72.6	15.108	719		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb	1027524			26742		37.1	6.905	720			22.4					90																			
Wet Bulb	870586			24506		34.1	7.015	719			38.9					90																			
Dew Point	657274			20616		28.7	9.598	719			60.2					90																			

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APR

MONTH

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUN 71)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMAR

<u>14601</u>	<u>BANGOR INTERNATIONAL</u>
STATION	STATION NAME

74-81

APR 1964

PAGE 1 0600-080

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po.														
66/ 65								.3										2	2																
56/ 57				.4	.1													4	4																
56/ 55		.6			.4													7	7																
54/ 53		.3	.7	.3	.3													11	11	4															
52/ 51		.1	.8	.3		.4	.1	.1										14	14	7															
50/ 49		1.4	1.1	.6	.7	.4												30	30	12															
48/ 47	.6	1.1	.6	.3	1.4	.4												31	31	25	1														
46/ 45	.4	1.9	2.6	.7	.8	.3	.1											50	50	25	1														
44/ 43	.6	2.5	1.9	2.2	.8		.1											59	59	37	2														
42/ 41	.6	3.8	2.9	1.7	.8													70	70	48	2														
40/ 39	.1	2.6	2.8	1.5	1.0	.1												59	59	63	4														
38/ 37	.1	3.2	2.6	2.2	.6													63	64	64	3														
36/ 35	.8	5.1	3.5	3.1	.8													96	96	76	4														
34/ 33	1.8	4.2	2.8	2.6	.3													84	84	89	5														
32/ 31	.4	2.9	4.3	1.8	.1													69	69	73	6														
30/ 29		1.1	1.8	1.0														28	28	70	5														
28/ 27		.6	1.0	.7														16	16	53	4														
26/ 25		.8																9	9	32	4														
24/ 23		.1	.3															3	3	17	3														
22/ 21		.1	.6															5	5	9	3														
20/ 19		.4	.4															6	6	3	6														
18/ 17		.3	.1															3	3	8	1														
16/ 15																					3														
14/ 13																					3														
12/ 11																					1														
10/ 9																																			
8/ 7																																			
6/ 5																																			
4/ 3																																			
TOTAL	5.4	33.2	31.3	19.3	8.2	1.7	.4	.4										719	720	719	71														
																		719		719															
Element (X)	$\Sigma x^2$			$\Sigma x$		$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	3779917			50699		70.5	16.896	719		$\leq 0$ F		$\leq 32$ F		$\leq 67$ F		$\leq 73$ F		$\leq 80$ F		$\leq 93$ F		Total													
Dry Bulb	1105909			27723		38.5	7.314	720				17.4										9													
Wet Bulb	917141			25165		35.0	7.117	719				33.7										9													
Dew Point	676741			20901		29.1	9.814	719				57.3										9													

2

APR  
MON 15

PAGE 1 0900-1100  
HOURS L. S. T.

USAFETAC FORM 0-26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUN 71)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

<u>14601</u>	<u>BANGOR INTERNATIONAL</u>
STATION	STATION NAME

74-81

YEARS

APR  
MCM'N

PAGE 2 0900-1100  
MONDAY, SEP 1, 1958

[illegible]



74-81

YEARS

APR  
1961

PAGE 1

1200-1400  
HOURS P. M.

[illegible]

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STATION	STATION NAME

74-81

APR

PAGE 2 1200-1460  
HQ-RS, L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71





## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

74-81

APR  
MONTH

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## PSYCHROMETRIC SUMMARY

APR

PAGE 2 1800-2000

[illegible]

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

APD  
MONTN

PAGE 1 2100-2300  
HOURS 5. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 61		.1	.1															2	2																
61/ 59						.1												1	1	2															
59/ 57					.1	.1												2	2		2														
56/ 55		.8	.7	.8	.3	.3												21	21																
54/ 53		.1	.6	.3	1.0	.1	.1											16	16	7	4														
52/ 51		.7	.7	.6	1.0													21	21	11	4														
50/ 49	.4	.8	1.9	.4	.6	.4												33	33	21	12														
48/ 47	.3	1.3	1.1	1.5	1.0													37	37	16	11														
46/ 45	1.0	1.5	1.3	.8	.8	.1												40	40	50	18														
44/ 43	.1	1.0	.7	2.8	1.4		.1											44	44	28	20														
42/ 41	.7	3.9	2.4	3.1	.6	.1												77	77	39	28														
40/ 39	.3	2.2	4.0	3.6	1.1	.1												82	82	46	31														
38/ 37	.3	4.2	3.9	3.5	.7	.6												94	94	69	37														
36/ 35	.6	4.0	4.4	3.1	.8													93	93	107	48														
34/ 33	1.1	2.9	2.1	1.8	.7													62	62	98	47														
32/ 31	.6	.7	2.5	2.1	.1													43	43	76	64														
30/ 29	.3	.4	1.3	1.4														24	24	49	47														
28/ 27		.8	.3	.6														12	12	40	74														
26/ 25		.7	.6	.1														10	10	33	49														
24/ 23			.4															3	3	16	28														
22/ 21			.1															1	1	5	44														
20/ 19		.1																1	1	5	38														
18/ 17		.1																1	1	1	23														
16/ 15																				1	11														
14/ 13																					13														
12/ 11																					16														
10/ 9																					24														
9/ 7																					2														
6/ 5																					2														
4/ 3																					1														
2/ 1																					2														
TOTAL	5.6	26.5	29.0	26.4	10.1	2.1	.3												720	720		720													
Element (X)	Σx <sup>1</sup>			Σx		Σx <sup>2</sup>		Σx <sup>3</sup>		Σx <sup>4</sup>		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Num.	3564702			49174		68.3		16.937		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb	1174995			28629		39.8		7.138		720				11.9										90											
Wet Bulb	962879			25833		35.9		7.077		720				28.3										90											
Dew Point	696691			21217		29.5		9.970		720				57.3										90											

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

1  
2GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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## PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

74-81

YEARS

APR  
MONTH

PAGE 1

ALL

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pt.														
86/ 85												.0							2		2														
84/ 83											.0	.0							2		2														
80/ 79									.0										2		2														
79/ 77											.0								2		2														
76/ 75									.1	.0	.0			.0					10		10														
74/ 73						.0	.1	.0	.1			.0	.0						10		10														
72/ 71							.1	.0	.0	.0									12		12														
70/ 69							.1	.0	.0	.1	.0								13		13														
68/ 67						.1	.0	.0	.0	.0	.0								13		13														
66/ 65					.0	.2	.1	.2	.1	.1	.0								38		38	4													
64/ 63			.0		.1	.1	.1	.3	.3	.1	.0								57		57	3													
62/ 61		.0	.0	.1	.1	.1	.1	.2	.3	.1									61		61	7													
60/ 59			.0	.2	.2	.2	.4	.4	.2	.1	.1								97		97	19													
58/ 57		.2	.1	.2	.3	.3	.4	.3	.2	.1									114		114	25													
56/ 55		.4	.2	.4	.3	.5	.5	.5	.2	.0									172		172	46													
54/ 53		.4	.6	.4	.5	.5	.7	.3	.1										207		207	55													
52/ 51		.5	.7	.5	.6	1.0	.4	.3	.0										236		236	98													
50/ 49	.1	1.0	1.1	.7	1.0	1.1	.5	.2											329		329	181													
48/ 47	.6	1.1	.1	1.1	1.2	.8	.6	.1											351		351	291													
46/ 45	.5	1.4	1.3	.9	1.4	.9	.5												391		391	308													
44/ 43	.5	1.9	1.7	1.9	1.5	.7	.2												478		478	331													
42/ 41	.4	2.5	2.0	1.9	1.0	.5	.1												478		478	479													
40/ 39	.4	2.4	2.1	1.7	1.0	.3													456		456	523													
38/ 37	.3	2.8	2.0	1.7	.7	.3													445		447	566													
36/ 35	.7	3.4	2.5	1.5	.8	.1													515		515	627													
34/ 33	1.1	2.8	2.3	1.3	.5														466		467	614													
32/ 31	.4	2.2	2.4	1.2	.2														371		371	453													
30/ 29	.1	.9	1.4	.8	.0														180		180	389													
28/ 27	.0	.7	.6	.5															103		103	309													
26/ 25		.6	.5	.1															69		69	212													
24/ 23		.1	.2	.0															20		20	103													
22/ 21		.1	.3																25		25	54													
20/ 19		.2	.1																18		18	27													
18/ 17		.1	.0																9		9	27													
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

74-81

APR  
MONTH

PAGE 2

ALL

NO. 85

[illegible]

2

YEARS

MAY

HOURS . . . S. T.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

74-81

YEARS

MAY  
MONTH

PAGE 2

0000-0200  
HOURS L. S. T.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

74-81

MAY  
MONTH

PAGE 1 0300-0500  
HOURS S. T. J.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71				.1														1	1																
70/ 69				.1		.1												2	2																
66/ 65		.1																1	1	2															
64/ 63		.3																2	2	1	1														
62/ 61		.3	.3	.1	.1		.1											7	7	3	4														
60/ 59	.1	1.3	.5	.3														17	17	6	3														
58/ 57	.3	2.6	.3	.3	.3													27	27	15	12														
56/ 55	.7	1.1	.9	.8	.3	.1	.1											30	30	29	19														
54/ 53	2.7	3.1	.4	.1			.1											48	48	37	43														
52/ 51	1.8	4.5	1.1	.4	.1													58	58	52	38														
50/ 49	1.9	4.0	1.9	.8	.9													71	74	62	50														
48/ 47	1.5	5.7	3.2	.3	.1													80	80	52	51														
46/ 45	.7	6.2	1.8	.9	.3													73	73	71	41														
44/ 43	2.2	4.3	2.8	1.3														79	79	86	70														
42/ 41	1.9	2.0	2.3	1.1														54	54	68	66														
40/ 39	1.5	3.5	2.2	1.1														61	61	53	52														
38/ 37	.7	2.6	1.8	1.1	.5													49	49	62	54														
36/ 35	.3	1.5	1.8	1.1	.1													35	35	43	40														
34/ 33	.3	1.1	1.9	.1														25	25	27	38														
32/ 31		.5	.8	.8														16	16	28	40														
30/ 29		.1	.1		.4													5	5	29	34														
28/ 27																				6	21														
26/ 25																				6	17														
24/ 23																					5														
22/ 21																				3	20														
20/ 19																					7														
18/ 17																					2														
16/ 15																					3														
14/ 13																					3														
12/ 11																					4														
C/ -1																					3														
TOTAL	16.3	44.8	24.0	10.9	3.2	.3	.4												741	744	741														
																			741																
Element (X)	Σx²		Σx		X		Σx		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	5198072		61124		82.5		14.521		741		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	1598891		34059		45.8		7.313		744				2.6		.4								93												
Wet Bulb	1441555		32175		43.4		7.753		741				9.0										93												
Dew Point	1284339		29945		40.4		10.014		741				.4		20.0								93												

2

MAY

MONTH

MOORE, L. S. T.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

74-81

YEARS

MAY  
MAY

PAGE 2

0600-0800  
M. J. R. S. S. T.

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Y E A R S

MAY  
MON

PAGE 2 0900-1100  
HOURS: 10:50 A.M. - 11:00 A.M.

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

**MAY**  
**MONTH**

PAGE 1 1200-1400  
HOURS, S. T.



**MAY**

HOURS - L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

2

## YEARS

**MAY**

HOURS 8.5-11

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

74-81  
YEARS

MAY  
MONTH

PAGE 1 1800-2000  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
89/ 87											.1							1	1																
84/ 83									.4	.1								4	4																
80/ 79							.1	.3										3	3																
78/ 77							.1		.1									2	2																
76/ 75						.3		.1	.1			.1						5	5																
74/ 73				.1		.1	.3	.3				.1						7	7																
72/ 71				.3	.1	.7		.3		.1								11	11																
70/ 69			.3	.1	.8	.5	.1			.4	.1							18	18	1															
68/ 67		.1	.1	.5	.7	.5	.1	.4	.5									23	23	6															
66/ 65		.1	.3	.8	.1	.5	.4	.7	.3	.4								27	27	10															
64/ 63		.4	.5	1.1	.7	.4	.8	.7	.3		.1							37	37	9	5														
62/ 61		.1	.7	.7	.8	.8	1.2	.5	.5	.1								41	41	19	7														
60/ 59		1.9	.9	1.5	1.3	1.2	.9	.8	.4									67	67	32	16														
58/ 57	.3	2.3	1.1	1.1	.9	2.3	1.3	.3	.1									72	72	38	22														
56/ 55	.5	2.4	.7	2.3	2.0	1.9	1.1	.4	.3									86	86	51	38														
54/ 53	.5	2.4	2.0	2.4	1.8	1.3	.8	.4										87	87	55	43														
52/ 51	.4	1.5	1.3	1.6	1.1	1.5	.9	.3										64	64	72	42														
50/ 49	.5	1.9	1.2	.8	1.1	1.5	.5	.1										57	57	91	53														
48/ 47	1.5	2.6	.7	.7	1.3	1.1	.1	.1										60	60	95	43														
46/ 45	.8	2.0	.3	.5	.5	.7	.1											37	37	85	62														
44/ 43	.4	.5	.4	.1	.5	.3												17	17	62	53														
42/ 41	.1			.1	.3	.1												5	5	38	53														
40/ 39	.4		.1	.3	.1													7	7	39	41														
38/ 37				.3														2	2	16	40														
36/ 35			.1	.1														2	2	11	40														
34/ 33																				6	27														
32/ 31																				6	28														
30/ 29																					36														
28/ 27																					23														
26/ 25																					15														
24/ 23																					10														
22/ 21																					20														
20/ 19																					11														
18/ 17																					2														
Elem. : (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.													$\leq 0 F$			$\leq 32 F$			$\geq 67 F$			$\geq 73 F$			$\geq 80 F$			$\geq 93 F$			Total				
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601                      BANGOR INTERNATIONAL  
STATION                      STATION NAME

74-81

YEARS

MAY  
MONTH

PAGE 2 2100-2300  
M2 RS 6 Y





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

74-81

MAY  
MORNING

PAGE 2

ALL

MO. RS. S. T.







PAGE 1 0900-1100  
HOURS U. S. T.







2

JUN  
MONTH

HOURS: S. T.

**USAFETAC** FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUL 71)







AD-A113 178

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
BANGOR INTERNATIONAL/DOW AFB, MAINE. REVISED UNIFORM SUMMARY OF--ETC(U)  
NOV 81

UNCLASSIFIED

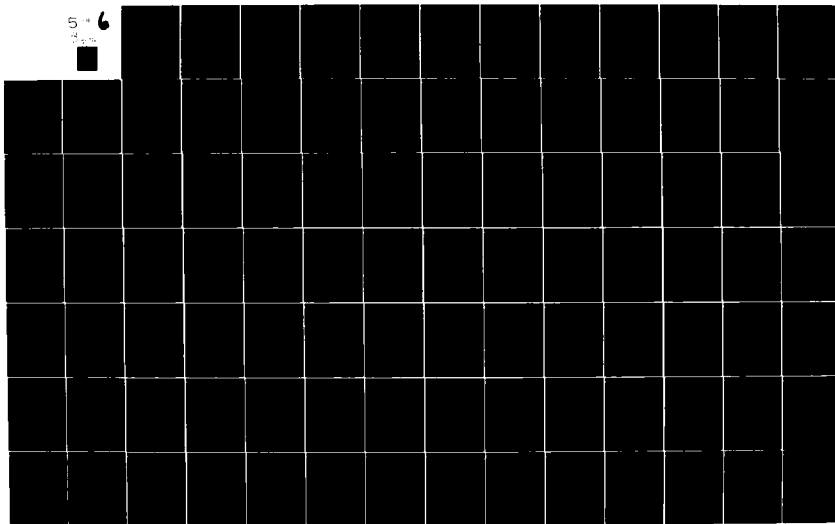
USAFETAC/DS-81/105

SBI-AD-E850 131

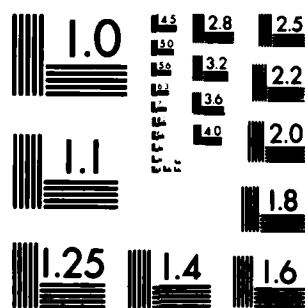
NL

5-6

4-10



13178



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

2

## 2

**JUN**  
MONTH

ALL

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

**JUL**  
**MONTH**

PAGE 1 0000-0200  
HOURS S. I.

[illegible]



## PSYCHROMETRIC SUMMARY

JUL

[illegible]

## PSYCHROMETRIC SUMMARY

JUL  
MONTH

PAGE 1 0600-0800  
HOURS U. S. T.





















## PSYCHROMETRIC SUMMARY

14601                      BANGOR INTERNATIONAL  
STATION                      STATION NAME

73-80

AUG

PAGE 1 0900-1100  
HOURS S. T.

[illegible]







GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601                      BANGOR INTERNATIONAL  
STATION                      STATION NAME

73-80

YEARS

AUG

PAGE 1 2100-2300

[illegible]





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

1401	BANGOR INTERNATIONAL
STATION	STATION NAME

73-80

YEARS

AUG  
MIN

PAGE 2

ALL

42-55-5-7

[illegible]



## PSYCHROMETRIC SUMMARY

73-80

SEP

PAGE 1 0300-0500

0300-0500  
MO. RS. S. T. I.

U.S. SAFETY FORM 0-26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



2

## VFARS

SEP

2 3 4 5 6 7 8 9 10 11 12

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

73-80

SEP  
1944

PAGE 2 1200-1400  
NOV 26 1964

[illegible]





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14501                      BANGOR INTERNATIONAL  
STATION                      STATION NAME

73-80

SEP

PAGE 1 1600-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 81					.1													1	1																
60/ 79				.1														1	1																
76/ 77				.1	.1													2	2																
76/ 75			.1	.1														2	2																
74/ 73	.1	.3	.1		.1			.1										6	6	3	1														
72/ 71	.3	.3	.4	.4	.1		.1		.1									13	13	7	4														
70/ 69	.3	.6	1.3	.1	.3	.3	.1											21	21	8	7														
68/ 67	.1	.3	.6	.7	.7	.6	.3											23	23	10	11														
66/ 65	.3	1.3	1.1	1.0	.4	.3	.3											33	33	15	10														
64/ 63	.4	3.2	2.4	1.7	1.3		.3											66	66	20	12														
62/ 61	1.3	1.9	2.8	1.8	1.4	.6	.1											71	71	55	37														
60/ 59	1.4	3.1	3.1	2.8	1.1	.4	.1											86	86	63	42														
58/ 57	.6	3.1	2.9	3.3	2.1	.6	.3											92	92	70	48														
56/ 55	1.3	1.8	3.2	3.3	2.1	.3												86	87	85	61														
54/ 53	.3	2.4	3.2	2.4	.8													65	65	55	45														
52/ 51	.1	2.2	2.6	2.4	.6	.4												60	60	88	67														
50/ 49		.7	2.5	1.0	.6													34	34	77	60														
48/ 47		1.3	1.4	.8	.4	.1												29	29	61	53														
46/ 45	.1	.6	.7	.6	.3													16	16	47	64														
44/ 43				.4	.1													4	4	22	52														
42/ 41			.4	.3	.1													6	6	12	50														
40/ 39			.1	.1														2	2	8	39														
38/ 37																				9	12														
36/ 35																				2	9														
34/ 33																				2	13														
32/ 31																					10														
30/ 29																					5														
28/ 27																					4														
26/ 25																					1														
24/ 23																					1														
22/ 21																					1														
TOTAL	6.5	22.8	28.9	23.5	12.8	3.5	1.7	.1	.1										719	720		719													
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4277638	54508	75.8	14.228	719	$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F																								
Dry Bulb	2443576	41674	57.9	6.615	720			8.6	1.5	.1		90																							
Wet Bulb	2109887	38627	53.7	6.954	719			3.5	.4			90																							
Dew Point	1846749	35887	49.9	8.795	719		2.8	2.9	.1			90																							

2

## 77

SEP  
1944

PAGE 1 2100-2300  
HOURS

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFC WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	DANGOR INTERNATIONAL
STATION	STATION NAME

73-8C

SEP

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89								.0										1	1																
85/ 87							.1	.1										6	6																
86/ 85						.0	.1											6	6																
84/ 83					.0	.1	.0											6	6																
82/ 81			.1	.1	.1	.0		.1										18	18																
80/ 79			.1	.1	.0	.1	.1	.1	.0	.0								29	29																
78/ 77			.1	.2	.1	.0	.1	.4	.1	.0								53	53	5	1														
76/ 75		.0	.1	.1	.1	.1	.3	.2	.0	.1								55	55	15	4														
74/ 73	.0	.1	.3	.1	.2	.3	.4	.3	.1	.0								101	101	27	6														
72/ 71	.1	.2	.4	.2	.2	.3	.2	.2	.1	.0					.0			106	106	28	17														
70/ 69	.2	.5	.6	.4	.6	.6	.4	.3	.1	.1								207	207	58	60														
68/ 67	.1	.7	.8	.5	.9	.7	.6	.2	.1	.0								268	270	87	71														
66/ 65	.5	1.1	.7	.9	.7	.6	.7	.3										318	320	163	94														
64/ 63	.5	2.3	1.0	1.4	.8	1.0	1.0	.3	.0									484	484	253	141														
62/ 61	1.0	2.8	1.3	.8	1.0	1.0	.6	.1										493	493	379	218														
60/ 59	1.2	2.3	1.5	1.3	1.0	.9	.6	.2										514	515	469	333														
58/ 57	.9	3.5	1.7	1.4	.9	.7	.3	.1										543	544	508	344														
56/ 55	1.4	2.6	1.9	1.3	.8	.3	.1											480	481	537	503														
54/ 53	.8	2.8	2.5	1.1	.4	.2	.1											454	454	549	407														
52/ 51	.6	2.1	1.8	.9	.4	.2	.1											349	349	580	448														
50/ 49	.6	2.3	1.9	.8	.3	.1												349	349	526	379														
48/ 47	.3	1.9	1.3	.5	.1	.1												243	243	407	433														
46/ 45	.3	1.7	.9	.4	.1	.0												188	188	334	472														
44/ 43	.2	1.5	.7	.2	.0	.0												152	152	270	369														
42/ 41	.5	.9	.6	.1	.0													118	118	198	414														
40/ 39	.3	.7	.5	.0	.0													88	89	133	306														
38/ 37	.2	.5	.3	.0														56	56	96	238														
36/ 35	.1	.4	.2															41	41	62	159														
34/ 33	.0	.1	.1															12	12	37	115														
32/ 31		.1	.0															9	9	15	96														
30/ 29		.0	.0															4	4	9	52														
28/ 27																				4	36														
26/ 25		.0																1	1	3	20														
24/ 23																					4														
Element (X)	Σ x²			Σ x			Σ			Σ²			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

2

## 2

73-80

SEP  
MON

PAGE 2

ALL

— 50 —

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
22/ 21																																	6
20/ 19																																	4
18/ 17																																	2
TOTAL	9.6	31.2	21.1	12.8	8.7	7.3	5.7	2.7	.5	.2	.0																					5752	
																																	5752
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.	35008132	437068	76.0	17.678	5752	≤ 0 F	≤ 32 F	> 67 F	< 73 F	> 80 F	< 93 F	720																					
Dry Bulb	19484631	330935	57.5	9.044	5760		1.7	107.2	34.4	6.7		720																					
Wet Bulb	16570584	305308	53.1	7.970	5752		3.9	27.5	5.9			720																					
Dew Point	14392550	282754	49.2	9.259	5752		27.5	19.9	1.4			720																					

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14631	BANGOR INTERNATIONAL
STATION	STATION NAME

73-80

OCT

PAGE 1 0000-0200  
HOURS 5.7

[illegible]



## PSYCHROMETRIC SUMMARY

OCT

PAGE 1 0600-0800

FORM UN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



USAFETAC FORM 0-26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71









GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

73-80

ОСТ

PAGE 2 1500-1700

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

73-80

OCT

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71				.1														1	1																
70/ 69			.1															1	1																
68/ 67	.1		.1															2	2	1	1														
66/ 65	.1																	1	1	3	1														
64/ 63		.4	.3	.4														8	8	1	2														
62/ 61	.5	1.7	.3	.3														21	21	8	6														
60/ 59	.4	2.3	.5	.7	.3													31	31	23	11														
58/ 57	.9	1.5	.4	.1	.5													26	26	30	32														
56/ 55	.1	1.2	1.1	.9	.5													29	29	16	13														
54/ 53	.1	1.6	2.2	1.7	.5		.5											50	50	14	13														
52/ 51	.5	3.1	3.0	1.1	.4	.7												65	65	44	26														
50/ 49	.3	2.2	3.6	1.6	.8	1.1												71	71	46	32														
48/ 47	.5	2.6	2.7	2.0	1.2	.5												71	71	62	35														
46/ 45	.1	2.6	3.2	2.4	.9													69	69	55	47														
44/ 43	.1	2.6	2.0	3.5	1.1													69	69	62	49														
42/ 41	.1	1.7	1.7	5.6	.5													73	73	68	37														
40/ 39	.1	.5	1.6	2.3	.4													37	37	66	54														
38/ 37		1.2	2.0	2.8	.1													46	46	57	45														
36/ 35		.8	1.3	1.5	.1													28	28	68	24														
34/ 33		.1	1.7	1.3														24	24	41	39														
32/ 31		.9	.5	.4	.1													15	15	29	47														
30/ 29			.3	.4														5	5	31	57														
28/ 27			.1															1	1	13	41														
26/ 25																				4	57														
24/ 23																				2	20														
22/ 21																					23														
20/ 19																					15														
18/ 17																					7														
16/ 15																					2														
14/ 13																					5														
12/ 11																					1														
10/ 9																					2														
TOTAL	4.3	27.0	28.9	29.3	7.7	2.3	.5											744	744		744														
Element (X)	Σx'	Σx	Σ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature							Total																						
Rel. Num.	4044422	53630	72.1	15.504	744	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb	1674736	34816	46.8	7.823	744		2.6	.5					93																						
Wet Bulb	1424406	31940	42.9	8.463	744		9.9	.1					93																						
Dew Point	1155859	28131	37.8	11.140	744		34.6	.1					93																						







GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14201                      BANGOR INTERNATIONAL  
STATION                      STATION NAME

73-80

OCT

PAGE 2

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
16/ 15																							51													
14/ 13																							23													
12/ 11																							17													
10/ 9																							8													
8/ 7																							3													
TOTAL	6.6	33.4	24.8	16.3	9.7	5.7	2.5	.7	.2	.0												5950	5950													
																						5950	5950													

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

73-80

NOV

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
60/ 59	.3	.1																	3	3	2	2													
59/ 57		.4	.1																4	4	2	2													
56/ 55	.4	.6	.1																8	8	9	8													
54/ 53	.4	1.5	.3			.3													18	18	9	6													
52/ 51	.6	.3			.3														8	8	12	12													
50/ 49	.7	1.5	.6		.1														21	21	11	9													
48/ 47	1.3	3.2	.6																36	36	23	23													
46/ 45	.8	2.2	.3	.1															25	25	36	20													
44/ 43	.6	3.2	.4	.3	.1														33	33	31	23													
42/ 41	.3	2.1	2.1	.1	.1														34	35	22	27													
40/ 39	.7	2.2	2.4	.3	.1														41	41	23	20													
38/ 37	1.8	2.5	2.4	1.4		.1													59	59	49	29													
36/ 35	1.7	2.9	3.2	1.1															64	64	54	38													
34/ 33	1.1	3.8	4.7	1.1															77	77	60	42													
32/ 31	1.7	3.5	1.7	1.1															57	57	62	43													
30/ 29	1.0	1.7	3.3	1.4															53	53	68	51													
28/ 27	.7	1.9	2.6	1.0															45	45	39	46													
26/ 25	.7	2.4	2.8	.1															43	43	58	27													
24/ 23	.6	1.9	2.2																34	34	45	29													
22/ 21	.3	1.0	1.3																18	18	45	38													
20/ 19		.8	.7																11	11	20	46													
18/ 17	.3	.8																	8	8	10	31													
16/ 15	.1	.3																	3	3	11	26													
14/ 13	.3	.7																	7	7	4	37													
12/ 11		.1																	1	1	5	26													
10/ 9		.8																	6	6	5	28													
8/ 7		.3																	2	2	3	15													
6/ 5																					1	3													
4/ 3																						1													
2/ 1																						9													
0/ -1																						2													
TOTAL	16.1	42.8	31.7	8.1	.8	.4													719	720	719	719													
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.	4444121		55355		77.0		15.939		719		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90																		
Dry Bulb	944469		25155		34.9		9.553		720			36.0					90																		
Wet Bulb	837700		23504		32.7		9.828		719			47.1					90																		
Dew Point	677823		20155		28.0		12.536		719		.3	57.3					90																		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14671                      DANGOR INTERNATIONAL  
STATION                      STATION NAME

73-80

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1964

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HOURS S. Y.

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14571	BANGOR INTERNATIONAL
STATION	STATION NAME

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NOV  
1954

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50.95 5.7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69				.1														1	1																
66/ 65			.1															1	1																
64/ 63				.4														3	3	1															
62/ 61	.3	.1		.3														5	5	3	2														
60/ 59	.1	.8	.3	.1	.1													11	11	2	3														
58/ 57	.8	.1			.1													8	8	15	12														
56/ 55	.3	.8	.1	.1	.3													12	12	7	4														
54/ 53		1.3	.1	.3	.6	.1		.1										18	18	7	5														
52/ 51		1.1	.7	.4	.8	.4												25	25	16	12														
50/ 49	.4	1.4	.7	.7	.6	.1												28	28	11	14														
48/ 47	.4	1.8	1.4	1.3	1.0													42	42	24	14														
46/ 45	.4	2.1	1.0	.8	.6													35	35	33	16														
44/ 43	.7	2.2	1.5	3.5	.8													63	63	45	25														
42/ 41	.6	1.4	1.8	1.8	1.0													47	47	38	32														
40/ 39	.6	1.7	2.6	1.8	1.1	.1												57	57	42	23														
38/ 37	.8	2.8	1.9	2.5	1.0													65	65	69	27														
36/ 35	1.4	2.6	1.7	2.9	.6													66	66	65	38														
34/ 33	.8	1.8	1.0	3.3	1.4													60	60	57	45														
32/ 31		1.4	2.8	3.2	.7													58	58	45	67														
30/ 29	.6	.8	1.7	1.4														32	32	54	52														
28/ 27	.1	1.5	1.1	.4														23	23	60	31														
26/ 25	.3	.4	.4	.4														11	11	50	28														
24/ 23	.1	1.1	.3															11	11	24	22														
22/ 21		1.4	.7															15	15	11	35														
20/ 19	.1	.6	.7															10	10	18	41														
18/ 17		.4																3	3	9	35														
16/ 15	.4	.3																5	5	7	34														
14/ 13																				2	37														
12/ 11		.1																1	1	1	26														
10/ 9		.1																1	1		15														
8/ 7		.1																1	1	2	12														
6/ 5	.1																	1	1	1	5														
4/ 3																					4														
2/ 1																					3														
Element (X)	Σ x <sup>2</sup>			Σ x			Σ			Σ <sub>2</sub>			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Num.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

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1944

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[illegible]

USAFETAC FORM 0-26.3 OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

73-80

NOV

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71				.1	.1													2	2																
68/ 67					.1													1	1																
66/ 65					.4	.7												8	8		1														
64/ 63			.3	.3	.4	.3	.1											10	10		1														
62/ 61	.3	.3	.1	.3	.1													8	8		4	3													
60/ 59	.4				.3	.3												7	7		7	7													
58/ 57				.1	.6	.1	.6	.3	.3									14	14		7	7													
56/ 55		.7	.6	.4	.1	1.1	.3											23	23		8	4													
54/ 53	.1	1.0	.8	.8	.7	.8	.3											33	33		10	4													
52/ 51	.6	.4	.8	.6	1.1	.6												29	29		21	14													
50/ 49	.4	1.8	1.3	1.3	1.7	.4												49	49		26	19													
48/ 47	.7	1.4	.6	1.4	3.2	.7												57	57		35	23													
46/ 45		2.2	.8	2.1	1.8	.1												51	51		47	20													
44/ 43		1.8	.8	1.3	3.2	.1												52	52		39	28													
42/ 41		.6	.8	2.4	2.5	.4												48	48		56	24													
40/ 39	.1	.7	1.9	1.3	2.4	.8												52	52		45	26													
38/ 37	.7	2.2	1.1	2.5	3.2	.6												74	74		48	21													
36/ 35		.6	1.0	2.6	3.2													53	53		66	30													
34/ 33	.8	.8	2.2	1.8	1.3													50	50		55	45													
32/ 31	.3	1.3	2.4	.8	.1													35	35		46	55													
30/ 29	.1	.6	.4	.8	.3													16	16		94	44													
28/ 27	.1	.4	1.0	.6														15	15		42	37													
26/ 25		.3	.8	.6														12	12		21	39													
24/ 23		.3	.7															7	7		18	36													
22/ 21		.4	.6															7	7		13	22													
20/ 19	.1		.1															2	2		12	52													
18/ 17	.1																	1	1		4	40													
16/ 15	.1																	1	1		1	37													
14/ 13																						21													
12/ 11		.3																2	2			26													
10/ 9		.1																1	1		3	18													
8/ 7																																			
6/ 5																																			
4/ 3																																			
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			



## PSYCHROMETRIC SUMMARY

NOV  
MIN

PAGE 2      1200-1400  
                    H2 RS      S T

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USAFETAC FORM 0-26.3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

73-80  
YEARS

NOV  
MONTH

PAGE 1 1500-1700  
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point																				
64/ 67					.1	.1												2	2																					
64/ 63					.1	.3		.1										4	4																					
62/ 61	.3	.4		.3	.1		.1											9	9	2	2																			
60/ 59	.1	.1	.3	.1	.3	.1	.1											9	9	5	4																			
58/ 57		.1	.3	.1	1.0	.1	.3	.1										15	15	4																				
56/ 55		.6	.3	.4	.4	.3	.4											17	17	6	3																			
54/ 53		.8	.4	.8	.6	.8	.3											27	27	9	3																			
52/ 51	.8	.6	.8	1.1	.3	1.0	.1											34	34	22	14																			
50/ 49	.1	2.9	.3	1.1	1.0	.7												44	44	23	13																			
48/ 47	.6	2.4	1.1	2.5	2.2	.7												68	68	43	34																			
46/ 45		1.4	1.1	1.1	1.1	.3												36	36	43	16																			
44/ 43		1.5	.8	1.9	1.4	.1												42	42	32	22																			
42/ 41		.6	.6	2.4	2.2	.1												42	42	49	23																			
40/ 39	.3	1.1	1.1	1.8	2.6	.4												53	53	38	30																			
38/ 37	.6	2.8	1.5	2.1	1.9	.3												66	66	51	21																			
36/ 35	.4	1.3	2.2	2.4	2.4	.1												63	63	64	43																			
34/ 33	.7	1.4	2.1	2.8	1.4													60	60	60	25																			
32/ 31		1.3	1.8	3.1	.7													49	49	55	55																			
30/ 29	.3	.4	1.0	1.3	.3													23	23	62	46																			
28/ 27		.7	1.1	.4														16	16	53	48																			
26/ 25		.7	.7	1.3														19	19	39	44																			
24/ 23		.3	.6															6	6	24	27																			
22/ 21		.3	.7															7	7	15	25																			
20/ 19	.4	.4																6	6	11	34																			
18/ 17																				7	52																			
16/ 15																					38																			
14/ 13		.4																3	3		18																			
12/ 11																				3	26																			
10/ 9																					23																			
8/ 7																					10																			
6/ 5																					10																			
4/ 3																					6																			
2/ 1																					5																			
Element (X)	Σ X <sup>2</sup>					Σ X					X̄					σ <sub>x</sub>					No. Obs.					Mean No. of Hours with Temperature														
Rel. Hum.																										≤ 0 F					≤ 32 F									
Dry Bulb																															≥ 67 F					≥ 73 F				
Wet Bulb																															≥ 80 F					≥ 93 F				
Dew Point																																				Total				

**T**  
**2**

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NOV

3

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14671 BANGOR INTERNATIONAL  
STATION STATION NAME

73-80

YEARS

NOV  
MONTH

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 61			.3															2	2																
60/ 59	.3																	2	2		4														
59/ 57	.4	.8	.1		.1													11	11		3														
56/ 55		.6	.1	.1														6	6		7														
54/ 53	.7	.8	.4		.3													16	16		12														
52/ 51		1.0	.4	.6	.1													15	15		13														
50/ 49	.3	2.8	1.1	.6		.3												36	36		13														
48/ 47	.4	3.5	1.4	.6	.8	.1												49	49		20														
46/ 45	1.0	3.1	1.7	.7	.4													49	49		33														
44/ 43	.1	1.9	2.4	1.4	.3													44	44		21														
42/ 41	.4	.7	1.8	2.9	.1													43	43		29														
40/ 39	.3	1.3	2.1	1.3	.7													40	40		25														
38/ 37	.4	2.4	1.8	1.5	.3													46	46		26														
36/ 35	.4	1.9	2.8	2.8	.1													58	58		32														
34/ 33	.6	1.9	4.9	2.2	.6													73	73		35														
32/ 31	.6	1.7	4.6	3.8														76	76		42														
30/ 29	.3	.8	3.1	1.9														44	44		35														
28/ 27	.3	1.4	1.7	1.7														36	36		44														
26/ 25	.1	1.5	1.3															21	21		43														
24/ 23	.3	1.0	.8	.1														16	16		30														
22/ 21	.1	1.1	.7															14	14		36														
20/ 19	.1	1.0	1.0															15	15		53														
18/ 17		.4	.1															4	4		34														
16/ 15																					7														
14/ 13		.4																3	3		30														
12/ 11																					3														
10/ 9																																			
8/ 7																																			
6/ 5																																			
4/ 3																																			
2/ 1																																			
TOTAL	7.1	32.3	34.2	22.1	3.9	.4													719	719		71													
																			719	719															
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.	3793880		50826		70.7		16.731		719		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	9																		
Dry Bulb	1072104		26984		37.5		9.095		719			28.7					9																		
Wet Bulb	91.10		24682		34.3		9.421		719			42.4					9																		
Dew Point	689474		20372		28.3		12.526		719			57.2					9																		

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	DANGOR INTERNATIONAL
STATION	STATION NAME

73-8C

NOV  
1954

PAGE 1 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71				.0	.0													2		2																
72/ 69				.0														1		1																
68/ 67					.0	.0												3		3																
66/ 65			.0		.1	.1												9		9		1														
64/ 63			.0	.1	.1	.1	.0	.0										17		17		2														
62/ 61	.1	.1	.0	.1	.0		.0											24		24		7														
60/ 59	.2	.2	.1	.0	.1	.1	.0											41		41		26														
58/ 57	.3	.4	.1	.0	.2	.0	.1	.1	.0									72		72		43														
56/ 55	.3	.5	.2	.1	.1	.2	.1											88		98		65														
54/ 53	.3	1.2	.3	.3	.3	.3	.1	.0										152		152		59														
52/ 51	.4	.5	.4	.4	.5	.2	.0											141		141		93														
50/ 49	.4	1.9	.7	.6	.5	.2												243		243		96														
48/ 47	.7	2.6	.8	.7	1.0	.2												339		339		155														
46/ 45	.6	2.1	.8	.7	.5	.1												270		270		168														
44/ 43	.2	2.4	1.0	1.2	.7	.0												326		326		177														
42/ 41	.5	1.4	1.8	1.5	.8	.1												348		350		210														
40/ 39	.6	1.8	2.0	.9	.9	.2												368		368		202														
38/ 37	1.0	2.8	1.8	1.4	.9	.1												464		464		198														
36/ 35	1.0	2.6	2.3	2.0	.8	.0												506		506		305														
34/ 33	.9	2.4	3.0	1.9	.6													507		507		318														
32/ 31	.7	2.9	2.6	2.2	.2													492		492		419														
30/ 29	.5	1.0	2.5	1.2	.1													298		298		363														
28/ 27	.4	1.6	1.9	.9														275		275		330														
26/ 25	.4	1.8	1.9	.4														254		254		280														
24/ 23	.2	1.1	1.3	.0														150		150		232														
22/ 21	.3	.9	.9															124		124		246														
20/ 19	.2	.9	.5															95		95		364														
18/ 17	.1	.6	.1															38		38		295														
16/ 15	.1	.3																27		27		267														
14/ 13	.2	.5																40		40		249														
12/ 11	.1	.2																14		14		207														
10/ 9		.3																15		15		186														
8/ 7		.1																8		8		111														
6/ 5	.0	.1																5		5		58														
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																$\leq 0$ F			$\leq 32$ F			$\approx 67$ F			$\approx 73$ F			$\approx 80$ F			$\approx 93$ F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

2

## 2

NOV  
MONTH

ALL

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE (JUN 71)





2

## 2

DEC

453

USAFETAC FORM JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
GDAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

73-80

DEC 1964

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## PSYCHROMETRIC SUMMARY

DEC

PAGE 2 0300-0500  
HQ. AS. S. Y.

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUN 71)

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 DANGOR INTERNATIONAL  
STATION STATION NAME

73-80  
YEARS

DEC  
MONTH

PAGE 1 0600-0800  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb			TOTAL Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

73-80  
YEARS

DEC  
MONTH

PAGE 2 0600-0800  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-10/-11	.3																	2	2	2	2	12															
-12/-13	.5																	4	4	4	4	6															
-14/-15	.7																	5	5	5	5	5															
-16/-17	.4																	3	3	3	3	6															
-18/-19																						14															
-20/-21	.1																	1	1	1	1	5															
-22/-23	.1																	1	1	1	1	1															
-24/-25																						3															
-26/-27																						1															
-28/-29																						5															
-30/-31																						1															
-32/-33																						3															
-34/-35																						1															
-36/-37																						3															
TOTAL	28.2	54.5	16.4	.9														738	744	738	738																

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4348892	55452	75.1	15.729	738	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	458738	15300	20.6	13.926	744	7.4	76.1					93
Wet Bulb	412629	14273	19.3	13.614	738	8.4	78.9					93
Dew Point	341979	10107	13.7	16.619	738	19.2	81.2					93

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**2**

DEC

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

<u>14601</u>	<u>BANGOR INTERNATIONAL</u>
STATION	STATION NAME

73-80

DEC

PAGE 2 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-4/-9	.1																	1	1	1	17														
-10/-11	.3																	2	2	2	9														
-12/-13	.3																	2	2	2	4														
-14/-15																					8														
-16/-17																					9														
-18/-19																					8														
-20/-21																					4														
-22/-23																					1														
-24/-25																					3														
-26/-27																					3														
-34/-35																					1														
-36/-37																					2														
TOTAL	14.7	50.3	28.5	5.7	.8													740	744		740														

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	3813128	51508	69.6	17.561	740		3.3	68.0				93
Wet Bulb	554921	18129	24.4	12.342	740		3.9	75.2				93
Dew Point	477531	16551	22.4	12.052	740							93
	356977	11347	15.3	15.736	740	14.3	79.8					93

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

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DEC  
1954

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[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL

73-80

DEC

PAGE 2 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-10/-11	.3																	2	2	2	16														
-12/-13																					5														
-14/-15																					11														
-16/-17																					4														
-18/-19																					2														
-20/-21																					1														
-22/-23																					2														
-24/-25																					1														
-26/-27																					1														
-28/-29																					2														
-30/-31																																			
-32/-33																																			
TOTAL	9.2	33.0	37.2	16.4	4.2														739	744		739													

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3300214	47418	64.2	18.684	739	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	93
Dry Bulb	681497	20913	28.1	11.227	744	1.1	60.1					93
Wet Bulb	558392	18646	25.2	10.915	739	1.9	70.3					93
Dew Point	376823	12425	16.8	15.084	739	12.7	79.7					93

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

73-80

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

73-80

DEC

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LEC

NO. 25 S. T.

**USAFETAC** FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14601	DANGOR INTERNATIONAL
STATION	STATION NAME

73-80

DEC

PAGE 1 2100-2300  
H.O. 95 S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

73-80

DEC  
MONTH

PAGE 2 2100-2300  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-1/-13																																8			
-14/-15	.3																															3			
-16/-17	.1																															5			
-18/-19																																12			
-20/-21																																8			
-22/-23																																2			
-36/-37																																3			
TOTAL	19.2	57.9	20.7	2.2																												739	744	739	
																								</											

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 73

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## PSYCHROMETRIC SUMMARY

SEC

ALL

**USAFETAC**  
FORM 0-26-3 OL A  
JULY 73 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

DFC

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-5/-9	.4																	21	21	21	103														
-10/-11	.3																	15	15	15	89														
-12/-13	.2																	10	10	10	37														
-14/-15	.2																	12	12	12	57														
-16/-17	.2																	12	12	12	47														
-18/-19	.1																	3	3	3	63														
-20/-21	.0																	1	1	1	46														
-22/-23	.0																	1	1	1	16														
-24/-25																					11														
-26/-27																					7														
-28/-29																					11														
-30/-31																					2														
-32/-33																					7														
-34/-35																					6														
-36/-37																					15														
TOTAL	17.4	51.3	25.3	5.1	1.0														5952		5915														
																		5915		5915															

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\leq 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	Total
Rel. Hum.	31668578	420548	71.1	17.291	5915							
Dry Bulb	4363811	141919	23.8	12.832	5952	31.4	556.5					744
Wet Bulb	3786360	130146	22.0	12.491	5915	39.1	602.7					744
Dew Point	2886471	90949	15.4	15.862	5915	124.6	642.1					744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

14001	DANGOR INTERNATIONAL
STATION	STATION NAME

73-81

ALL  
44-4

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
102/101												.0	.0					3	3																	
100/99											.0							1	1																	
98/97										.0		.0						2	2																	
96/95									.0									2	2																	
94/93									.0	.0	.0	.0						11	11																	
92/91							.0	.0	.0	.0		.0	.0					29	29																	
90/89						.0	.0	.0	.0	.0	.0	.0	.0					71	71																	
98/87					.0	.0	.1	.0	.0	.0	.0	.0	.0					168	168																	
96/85				.0	.0	.0	.1	.1	.1	.0	.0	.0	.0					232	232																	
94/83			.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0					351	351																	
92/81		.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0						437	438	1																
90/79		.0	.0	.1	.1	.2	.2	.1	.1	.1	.0	.0						578	579	25	1															
78/77	.0	.0	.1	.1	.2	.2	.2	.1	.1	.1	.0			.0	.0			736	736	72	9															
76/75		.0	.1	.2	.2	.2	.1	.2	.1	.1	.0	.0		.0				869	869	226	25															
74/73	.0	.1	.2	.3	.2	.2	.2	.2	.1	.0	.0	.0						1186	1187	402	108															
72/71	.0	.3	.3	.2	.2	.2	.2	.2	.1	.0	.0	.0						1249	1252	705	369															
70/69	.1	.4	.5	.3	.3	.2	.2	.2	.1	.0	.0							1655	1655	1095	693															
68/67	.2	.5	.6	.4	.3	.2	.2	.1	.1	.0	.0							1871	1874	1556	949															
66/65	.3	.8	.5	.4	.3	.2	.2	.1	.1	.0	.0							2090	2094	1828	1309															
64/63	.4	1.2	.5	.6	.3	.3	.2	.1	.1	.0	.0							2672	2672	2200	1742															
62/61	.5	1.2	.5	.4	.3	.2	.2	.1	.1	.0								2398	2398	2567	1983															
60/59	.5	1.3	.7	.4	.3	.2	.2	.1	.0	.0	.0							2627	2628	2662	2410															
58/57	.4	1.3	.7	.4	.3	.2	.2	.1	.0	.0								2568	2569	2791	2358															
56/55	.5	1.2	.7	.4	.3	.2	.1	.1	.0	.0								2418	2419	2701	2349															
54/53	.4	1.3	.8	.4	.2	.2	.2	.0	.0									2487	2487	2551	2311															
52/51	.3	1.1	.7	.4	.3	.3	.1	.0	.0									2246	2247	2563	2528															
50/49	.3	1.3	.8	.4	.3	.3	.1	.0										2455	2461	2525	2235															
48/47	.3	1.3	.6	.4	.4	.2	.1	.0										2276	2276	2537	2376															
46/45	.3	1.2	.6	.4	.4	.1	.1											2110	2110	2459	2412															
44/43	.3	1.1	.6	.6	.3	.1	.0											2228	2228	2296	2186															
42/41	.3	.9	.7	.7	.3	.1	.0											2113	2115	2216	2254															
40/39	.4	.9	.8	.6	.3	.1												2173	2175	2191	1979															
38/37	.5	1.2	.9	.7	.3	.1												2501	2507	2548	1915															
36/35	.5	1.3	1.1	.7	.3	.0												2683	2684	2675	2061															
Element (X)	$\Sigma x^2$			$\Sigma x$			$\bar{x}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																$\leq 0$ F			$\leq 32$ F			$\geq 67$ F			$\geq 73$ F			$\geq 80$ F			$\geq 93$ F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

73-81

YEARS

ALL MONTH

PAGE 2

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
34/ 33	.5	1.2	1.2	.6	.2	.0												2592	2597	2755	2107														
32/ 31	.3	1.5	1.2	.7	.1	.0												2702	2707	2408	2679														
30/ 29	.3	.9	1.0	.5	.1	.0												1942	1947	2675	2225														
28/ 27	.3	1.0	.8	.4	.0													1765	1766	2220	2296														
26/ 25	.2	.9	.9	.2	.0													1574	1574	2242	2306														
24/ 23	.2	.7	.6	.1														1151	1151	1617	1475														
22/ 21	.2	.8	.9	.1														1369	1371	1532	1687														
20/ 19	.2	1.2	.9	.1														1636	1637	1550	2122														
18/ 17	.1	.8	.6	.0														1080	1082	1380	1613														
16/ 15	.1	.8	.4															956	961	1200	1510														
14/ 13	.1	.9	.4															1033	1036	1093	1562														
12/ 11	.2	.8	.3															882	892	1030	1548														
10/ 9	.1	.8	.2															758	768	951	1428														
8/ 7	.1	.7	.0															616	620	838	1219														
6/ 5	.1	.5																444	450	628	829														
4/ 3	.1	.6																451	453	504	862														
2/ 1	.1	.6																484	485	482	1060														
0/ -1	.2	.2																294	294	411	721														
-2/ -3	.2	.2																257	257	309	644														
-4/ -5	.1	.1																177	177	155	640														
-6/ -7	.1	.0																99	99	186	547														
-8/ -9	.1																	78	78	78	506														
-10/-11	.1																	55	55	55	451														
-12/-13	.1																	37	37	37	257														
-14/-15	.0																	32	32	32	255														
-16/-17	.0																	26	26	26	247														
-18/-19	.0																	16	16	16	228														
-20/-21	.0																	4	4	4	121														
-22/-23	.0																	3	3	3	82														
-24/-25																					60														
-26/-27																					42														
-28/-29																					29														
-30/-31																					11														
-32/-33																					16														
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										Total														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

ALL WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME
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73-81

YEARS

ALL  
MEN

PAGE 3

ALL

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14501 BANGOR INTERNATIONAL

73-81

STATION

STATION NAME

YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	15.9	18.0	28.6	37.1	47.4	55.9	61.8	60.7	52.6	42.8	34.9	22.1	39.9
	S D	13.564	12.156	9.567	6.935	7.099	6.279	5.356	5.991	8.091	8.586	9.553	13.362	18.147
	TOTAL OBS	744	678	744	720	744	720	744	743	720	744	720	744	8765
03-05	MEAN	14.6	16.8	27.1	35.5	45.8	54.4	60.3	59.1	51.1	41.6	34.0	21.0	38.6
	S D	13.931	12.627	10.277	7.026	7.313	6.555	5.600	6.521	8.642	8.897	9.627	13.673	18.239
	TOTAL OBS	743	678	744	720	744	720	744	744	720	743	720	744	8764
06-08	MEAN	13.5	16.2	27.5	38.5	50.6	59.2	64.7	62.7	53.3	42.5	34.0	20.6	40.4
	S D	14.237	12.755	10.462	7.314	7.177	6.823	5.507	6.392	8.079	8.733	9.786	13.926	19.890
	TOTAL OBS	744	678	744	720	744	720	744	744	720	743	720	744	8765
09-11	MEAN	17.9	21.8	33.2	45.2	58.4	66.2	72.1	70.8	61.2	49.3	38.9	24.4	46.7
	S D	12.446	11.283	9.816	8.713	8.716	8.441	6.579	7.063	6.860	7.875	9.591	12.342	20.813
	TOTAL OBS	743	678	744	720	744	720	744	744	720	744	719	744	8764
12-14	MEAN	22.6	26.9	37.1	49.0	62.5	69.7	76.0	74.9	65.1	53.2	42.3	28.1	50.7
	S D	11.009	10.338	9.895	9.706	9.751	9.088	7.088	7.856	7.206	8.493	9.675	11.227	20.658
	TOTAL OBS	744	678	744	720	743	720	744	744	720	744	720	744	8765
15-17	MEAN	22.6	27.4	37.3	48.6	61.7	69.1	75.4	74.2	64.1	51.9	41.0	27.3	50.1
	S D	10.796	9.988	9.441	9.616	9.309	8.821	7.041	7.938	6.937	8.112	9.389	11.082	20.335
	TOTAL OBS	744	678	744	719	744	720	744	744	720	744	720	744	8765
18-20	MEAN	19.2	23.2	33.4	43.8	55.9	63.9	69.7	67.9	57.9	46.8	37.5	24.4	45.4
	S D	11.926	10.643	8.459	8.134	7.866	7.265	6.138	6.648	6.615	7.823	9.095	11.937	19.271
	TOTAL OBS	744	675	744	720	742	720	744	743	720	744	719	744	8759
21-23	MEAN	17.4	20.3	30.7	39.8	50.5	58.6	64.4	63.1	54.4	44.2	35.8	22.9	41.9
	S D	12.961	11.449	8.392	7.138	6.864	6.122	5.160	5.900	7.212	8.148	9.513	12.751	18.259
	TOTAL OBS	744	675	743	720	741	719	744	744	720	744	720	744	8758
ALL HOURS	MEAN	18.0	21.3	31.8	42.2	54.1	62.1	68.0	66.7	57.5	46.5	37.3	23.8	44.2
	S D	13.049	12.138	10.280	9.475	10.073	9.318	8.352	8.918	9.044	9.324	9.978	12.832	19.972
	TOTAL OBS	5950	5418	5951	5759	5946	5759	5952	5950	5760	5950	5758	5952	70105

USAF ETAC FORM 0-89-5 (OL A)  
OCT 78

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14601 BANGOR INTERNATIONAL

73-81

STATION	STATION NAME	YEARS												
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	14.7	16.2	26.2	34.1	44.5	53.9	59.5	58.8	50.6	40.5	32.7	20.7	37.8
	S D	13.325	11.818	9.743	7.015	7.537	6.419	5.601	6.163	8.230	9.047	9.828	13.121	16.005
	TOTAL OBS	744	670	744	719	741	720	744	743	720	744	719	741	8749
03-05	MEAN	13.5	15.2	25.0	32.9	43.4	52.9	58.5	57.5	49.3	39.6	31.9	19.8	36.8
	S D	13.668	12.257	10.410	7.205	7.753	6.712	5.848	6.617	8.702	9.253	9.785	13.410	18.154
	TOTAL OBS	743	670	744	720	741	720	744	742	720	743	720	738	8745
06-08	MEAN	12.5	14.7	25.3	35.0	46.6	56.0	61.5	60.0	50.8	40.2	31.9	19.3	37.9
	S D	13.966	12.346	10.594	7.117	7.110	6.417	5.273	6.101	8.039	9.026	9.975	13.614	19.245
	TOTAL OBS	744	673	744	719	743	720	744	741	719	743	720	738	8748
09-11	MEAN	16.2	19.4	29.4	39.0	50.6	59.6	65.0	64.0	55.2	44.5	35.4	22.4	41.8
	S D	12.163	10.971	9.674	7.293	7.303	6.716	5.300	5.807	6.760	8.067	9.616	12.052	18.869
	TOTAL OBS	741	677	744	720	744	720	744	742	718	744	719	740	8753
12-14	MEAN	20.1	23.3	31.9	41.2	52.5	61.0	66.3	65.3	56.9	46.4	37.2	25.2	44.0
	S D	10.834	9.738	9.102	7.377	7.310	6.825	5.503	5.973	6.813	8.204	9.321	10.915	17.965
	TOTAL OBS	741	678	743	719	743	720	744	744	718	744	720	739	8753
15-17	MEAN	20.1	23.7	32.0	40.8	52.0	60.6	65.9	65.0	56.4	45.6	36.3	24.7	43.7
	S D	10.620	9.476	8.536	7.231	7.054	6.687	5.560	5.948	6.680	8.128	9.150	10.960	17.772
	TOTAL OBS	742	678	743	719	744	720	744	744	718	744	720	739	8755
19-20	MEAN	17.5	20.6	29.6	38.2	49.2	58.3	63.8	62.6	53.7	42.9	34.3	22.5	41.2
	S D	11.799	10.369	8.412	7.107	6.980	6.316	5.487	5.733	6.954	8.463	9.421	11.810	17.971
	TOTAL OBS	744	675	744	720	742	720	744	743	719	744	719	741	8755
21-23	MEAN	15.9	18.3	27.8	35.9	46.5	55.6	61.2	60.3	51.7	41.3	33.2	21.4	39.2
	S D	12.755	11.179	8.726	7.077	7.085	6.255	5.426	5.796	7.548	8.687	9.785	12.508	17.859
	TOTAL OBS	744	674	743	720	741	719	744	744	720	744	719	739	8751
ALL HOURS	MEAN	16.3	18.9	28.4	37.1	48.2	57.2	62.7	61.7	53.1	42.6	34.1	22.0	40.3
	S D	12.715	11.513	9.775	7.744	7.939	7.144	6.154	6.623	7.970	8.956	9.793	12.491	18.421
	TOTAL OBS	5943	5395	5949	5756	5939	5759	5952	5943	5752	5950	5756	5915	70009

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14601 BANGOR INTERNATIONAL

73-81

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
05-02	MEAN 8.1	8.6	19.5	28.7	41.0	52.3	57.9	57.4	48.6	37.1	28.0	15.0	33.7
	S D 16.256	15.631	13.656	9.598	10.057	7.187	6.353	6.794	9.154	10.964	12.536	16.176	21.017
	TOTAL OBS 744	670	744	719	741	720	744	743	720	744	719	741	8749
03-05	MEAN 6.8	8.1	18.7	28.1	40.4	51.6	57.2	56.4	47.5	36.5	27.4	14.2	32.9
	S D 16.718	15.706	14.147	9.657	10.014	7.393	6.437	7.125	9.525	11.055	12.290	16.522	21.136
	TOTAL OBS 743	670	744	720	741	720	744	742	720	743	720	738	8745
06-08	MEAN 5.8	7.5	18.7	29.1	42.0	53.5	59.3	58.2	48.5	36.9	27.4	13.7	33.5
	S D 17.032	15.683	14.460	9.814	9.875	7.480	6.146	6.735	9.066	10.869	12.473	16.619	21.958
	TOTAL OBS 744	673	744	719	743	720	744	741	719	743	720	738	8748
09-11	MEAN 8.1	10.3	20.4	29.9	42.5	54.7	60.5	59.6	49.9	38.5	29.0	15.3	35.0
	S D 15.768	14.898	14.333	10.359	10.880	8.373	6.818	7.237	9.140	10.960	12.542	15.736	21.598
	TOTAL OBS 741	677	744	720	744	720	744	742	718	744	719	740	8753
12-14	MEAN 10.4	12.5	21.2	30.1	42.5	54.6	60.2	59.1	49.9	38.2	29.0	16.8	35.5
	S D 15.251	14.290	13.892	10.860	11.191	9.049	7.680	7.915	9.682	11.539	12.547	15.084	20.930
	TOTAL OBS 741	678	743	719	743	720	744	744	718	744	720	739	8753
15-17	MEAN 10.7	12.6	21.3	29.7	42.0	54.3	59.9	59.0	49.8	37.8	28.4	16.7	35.3
	S D 14.996	14.358	13.242	10.877	11.270	9.072	8.019	7.925	9.607	11.698	12.456	15.216	20.806
	TOTAL OBS 742	678	743	719	744	720	744	744	718	744	720	739	8755
18-20	MEAN 9.8	11.4	21.1	29.7	41.8	53.8	59.8	59.1	49.9	37.8	28.3	15.9	35.0
	S D 15.542	14.813	12.929	10.413	10.860	8.323	7.254	7.057	8.795	11.140	12.526	15.417	20.926
	TOTAL OBS 744	675	744	720	742	720	744	743	719	744	719	741	8755
21-23	MEAN 8.8	10.2	20.6	29.5	41.8	53.2	58.9	58.2	49.1	37.4	28.0	15.3	34.4
	S D 16.104	15.199	13.067	9.970	10.060	7.463	6.592	6.648	8.815	10.816	12.565	15.863	20.930
	TOTAL OBS 744	674	743	720	741	719	744	744	720	744	719	739	8751
ALL HOURS	MEAN 8.6	10.2	20.2	29.3	41.8	53.5	59.2	58.4	49.2	37.5	28.2	15.4	34.4
	S D 16.043	15.180	13.756	10.219	10.556	8.133	7.019	7.259	9.259	11.147	12.498	15.862	21.184
	TOTAL OBS 5943	5395	5949	5756	5939	5759	5952	5943	5752	5950	5756	5915	70009

## RELATIVE HUMIDITY

14001	LANGOR INTERNATIONAL
STATION	STATION NAME

74-21

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN.	00-02	100.7	100.0	100.0	99.2	96.1	74.2	51.7	31.0	15.5	72.0	744
	03-05	100.0	100.0	100.0	96.7	89.6	73.9	50.9	32.8	16.7	72.0	743
	06-08	100.0	100.0	99.9	96.0	89.7	74.6	53.9	31.9	16.6	72.0	744
	09-11	100.7	100.0	99.1	92.8	79.5	60.6	41.6	25.1	12.7	66.9	741
	12-14	100.0	99.9	96.6	85.4	66.5	47.4	29.8	22.0	10.7	61.4	741
	15-17	100.0	99.7	96.1	85.8	70.2	47.0	32.5	21.0	12.7	62.5	742
	18-20	100.0	100.0	97.6	92.9	82.7	62.1	42.3	26.7	15.3	67.9	744
	21-23	100.0	100.0	100.0	96.9	87.8	67.3	46.2	28.9	16.1	70.0	744
TOTALS		100.0	100.0	98.9	93.7	82.0	63.4	43.6	27.5	14.4	66.1	743



MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.7	93.4	84.0	67.2	44.6	24.5	12.6	63.1	675
	03-05	100.0	100.0	100.0	96.1	87.6	71.2	48.2	27.6	14.7	69.5	675
	06-08	100.0	100.0	99.9	95.7	87.3	72.5	48.7	25.7	12.8	69.7	675
	09-11	100.0	100.0	99.0	93.3	72.1	49.3	33.7	17.9	6.1	62.4	677
	12-14	100.0	100.0	96.3	78.5	54.1	37.0	23.0	13.0	4.7	56.4	675
	15-17	100.0	99.6	93.8	75.2	54.6	37.3	23.9	12.4	5.6	55.9	674
	18-20	100.0	100.0	97.5	89.3	70.1	51.3	31.6	19.7	9.3	62.3	675
	21-23	100.0	100.0	99.9	94.1	77.7	59.6	37.7	24.0	13.5	66.5	674
TOTALS		100.0	100.0	98.7	89.1	73.5	55.7	36.5	20.7	6.5	63.4	395

2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

14601 LANGOR INTERNATIONAL  
STATION

74-51

PERIOD

MAY  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.9	95.0	64.0	66.4	49.6	30.1	16.4	70.0	744
	03-05	100.0	100.0	99.9	96.8	87.5	72.3	52.4	32.7	19.2	70.0	744
	06-08	100.0	100.0	100.0	95.4	85.2	68.1	49.1	31.5	17.7	70.7	744
	09-11	100.0	99.9	96.5	83.5	63.8	47.6	32.4	24.2	12.2	61.0	744
	12-14	100.0	99.3	90.8	71.3	50.3	37.3	26.5	17.9	10.1	56.1	743
	15-17	100.0	99.1	90.2	71.9	51.7	37.4	25.8	17.6	9.3	55.9	743
	18-20	100.0	99.6	96.6	87.4	69.9	51.7	32.8	21.4	13.0	63.0	744
	21-23	100.0	100.0	98.7	92.7	80.0	62.2	43.3	29.5	16.8	65.2	743
TOTALS		100.0	99.7	96.6	86.9	71.8	55.4	39.0	25.7	14.3	64.0	7949

USAFETAC

FORM  
JUL 64

0-87-5 (OL. A)

2

CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE

# RELATIVE HUMIDITY

14501  
STATION

LANGON INTERNATIONAL  
STATION NAME

74-51

PERIOD

APR  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	98.6	91.9	77.9	53.5	34.5	11.3	57.8	719
	03-05	100.0	100.0	100.0	98.6	96.1	84.7	62.6	41.1	17.1	55.2	721
	06-08	100.0	100.0	99.4	96.2	86.0	69.8	50.3	31.7	13.1	50.3	719
	09-11	100.0	99.4	94.0	77.4	57.6	38.8	29.7	20.1	9.1	56.4	720
	12-14	100.0	98.2	83.9	60.5	43.1	31.4	25.5	19.5	7.6	52.8	719
	15-17	100.0	96.4	80.5	62.6	45.2	33.1	24.8	19.2	7.0	52.5	719
	18-20	100.0	99.3	93.5	82.8	64.7	46.3	31.7	22.1	9.4	60.6	720
	21-23	100.0	100.0	99.6	95.8	82.6	64.4	44.4	28.2	11.9	65.3	720
TOTALS		100.0	99.2	93.9	84.1	70.9	55.8	40.3	27.2	10.5	63.9	5756

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

14601 BANGOR INTERNATIONAL STATION NAME

74-81

PERIOD

MAY  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90		
MAY	00-02	100.0	100.0	99.7	98.4	94.5	87.4	73.0	53.6	27.7	79.5	741
	03-05	100.0	100.0	99.6	98.9	97.0	90.8	80.2	61.0	33.9	82.5	741
	06-08	100.0	100.0	99.1	96.0	88.2	74.2	59.0	42.4	25.0	74.5	743
	09-11	100.0	99.7	92.5	77.6	58.2	41.4	31.7	21.0	12.6	59.3	744
	12-14	100.0	96.8	83.7	61.0	43.2	32.3	23.8	17.6	9.6	52.5	743
	15-17	100.0	96.9	82.5	61.6	46.6	34.9	23.7	18.4	11.0	53.2	744
	18-20	100.0	98.9	94.6	81.4	65.0	50.3	37.3	26.1	17.0	62.8	742
	21-23	100.0	100.0	99.3	96.0	87.4	75.0	58.3	39.7	24.3	74.1	741
TOTALS		100.0	99.0	93.9	83.9	72.5	60.8	48.4	35.0	20.1	67.3	5939

JUN  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN.	00-02	100.0	100.0	100.0	100.0	100.0	99.6	94.7	76.1	44.7	38.0	720
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	97.1	86.3	53.2	30.2	720
	06-08	100.0	100.0	100.0	100.0	98.5	91.3	78.5	57.8	35.7	22.6	720
	09-11	100.0	100.0	99.6	94.0	80.4	62.4	45.0	32.1	17.1	6.1	720
	12-14	100.0	100.0	97.1	82.8	63.3	46.9	34.2	26.1	12.1	6.0	720
	15-17	100.0	100.0	96.1	83.3	66.0	51.1	36.7	26.8	10.3	6.7	720
	18-20	100.0	100.0	99.3	95.0	84.3	70.6	53.8	37.9	16.7	7.3	720
	21-23	100.0	100.0	100.0	99.9	98.9	94.6	82.9	69.2	31.8	8.9	719
TOTALS		100.0	100.0	99.0	94.4	86.4	77.0	65.4	50.3	27.7	76.2	5752

## RELATIVE HUMIDITY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

73-80

JUL  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	98.7	95.0	77.8	37.2	87.4	744
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.3	84.8	47.2	89.6	744
	06-08	100.0	100.0	100.0	100.0	99.7	96.2	82.4	59.4	29.3	83.2	744
	09-11	100.0	100.0	100.0	99.2	85.1	64.8	40.7	28.2	11.0	68.6	744
	12-14	100.0	100.0	99.3	89.2	60.9	43.1	28.8	18.7	6.5	60.3	744
	15-17	100.0	100.0	99.2	87.2	63.8	44.8	31.5	20.4	7.4	61.1	744
	18-20	100.0	100.0	100.0	97.8	89.7	74.1	52.2	35.3	15.7	72.3	744
	21-23	100.0	100.0	100.0	100.0	99.5	95.8	85.1	58.7	29.0	82.9	744
TOTALS		100.0	100.0	99.8	96.7	87.3	77.2	64.1	47.9	22.9	75.7	5952

GLOBAL CLIMATOLOGY BRANCH  
USJFETAC  
AF WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

14601	DANGOR INTERNATIONAL
STATION	STATION NAME

73-80

PERIOD

AUG  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.6	98.8	96.1	81.2	45.4	89.3	743
	03-05	100.0	100.0	100.0	100.0	99.6	98.5	96.8	87.3	58.1	90.8	742
	06-08	100.0	100.0	100.0	100.0	99.7	97.8	87.9	69.6	39.7	85.9	741
	09-11	100.0	100.0	99.9	98.7	86.7	65.8	43.9	27.6	11.6	69.4	742
	12-14	100.0	100.0	99.2	88.0	64.0	39.5	28.4	19.4	7.1	60.3	744
	15-17	100.0	100.0	98.4	87.9	66.5	46.0	30.9	21.0	8.2	61.6	744
	18-20	100.0	100.0	100.0	98.5	92.3	79.3	61.1	39.7	21.0	75.1	743
	21-23	100.0	100.0	100.0	100.0	99.6	96.2	86.0	64.7	33.7	94.6	744
TOTALS		100.0	100.0	99.7	96.6	88.5	77.7	66.4	51.3	26.1	77.1	5943





SCT  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JCT	00-02	100.0	100.0	100.0	100.0	99.1	93.0	76.1	54.8	24.9	80.7	744
	03-05	100.0	100.0	100.0	100.0	99.6	95.3	81.6	58.4	25.4	82.2	743
	06-08	100.0	100.0	100.0	100.0	99.3	91.7	77.0	54.5	27.7	91.0	743
	09-11	100.0	100.0	99.6	96.5	81.5	59.9	42.1	27.8	14.0	68.1	744
	12-14	100.0	100.0	97.6	85.8	59.8	40.3	29.4	17.7	8.2	59.4	744
	15-17	100.0	100.0	97.6	85.9	64.9	46.0	32.4	21.0	9.4	61.2	744
	18-20	100.0	100.0	100.0	98.7	91.7	72.8	52.7	32.9	13.3	72.1	744
	21-23	100.0	100.0	100.0	99.7	98.3	87.1	68.3	43.1	18.5	77.6	744
TOTALS		100.0	100.0	99.4	95.8	86.8	73.3	57.5	38.8	18.1	72.8	5950

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14601 BANGOR INTERNATIONAL 73-80 NOV  
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.9	99.9	93.7	80.4	65.8	46.9	26.0	77.0	719
	03-05	100.0	100.0	100.0	99.7	93.8	83.6	68.8	48.2	24.7	77.7	720
	06-08	100.0	100.0	100.0	100.0	93.8	83.1	67.6	48.2	26.7	77.7	720
	09-11	100.0	100.0	99.9	95.4	83.9	64.0	45.5	30.0	14.7	69.3	719
	12-14	100.0	100.0	99.0	87.9	64.9	45.6	30.6	19.3	10.1	61.6	720
	15-17	100.0	100.0	99.0	88.8	68.2	50.6	32.5	22.6	10.0	62.9	720
	18-20	100.0	100.0	100.0	99.0	86.5	67.5	48.5	32.5	16.3	70.7	719
	21-23	100.0	100.0	100.0	100.0	89.8	76.4	56.7	40.8	19.3	74.3	719
TOTALS		100.0	100.0	99.7	96.3	84.3	68.9	52.0	36.1	16.5	71.4	5756

## RELATIVE HUMIDITY

14601	BANGOR INTERNATIONAL
STATION	STATION NAME

73-89

PERIOD

DEC  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	98.1	91.4	80.6	62.2	41.3	16.9	74.7	741
	03-05	100.0	100.0	99.7	98.0	91.6	80.6	62.5	43.9	18.2	75.2	738
	06-08	100.0	100.0	99.6	97.8	91.2	80.6	62.7	42.7	17.6	75.1	738
	09-11	100.0	99.9	98.8	94.3	83.2	68.0	50.0	30.9	13.4	69.6	740
	12-14	100.0	100.0	98.6	90.7	72.9	52.0	36.4	23.8	12.0	64.2	739
	15-17	100.0	100.0	98.5	92.2	75.4	57.4	40.7	26.7	11.6	65.9	739
	18-20	100.0	100.0	99.5	96.8	87.9	72.3	49.8	32.0	15.7	70.9	741
	21-23	100.0	100.0	99.7	97.3	89.9	78.9	57.5	36.8	15.7	73.2	739
TOTALS		100.0	100.0	99.3	95.7	85.4	71.3	52.7	34.8	15.1	71.1	5915

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

14601 BANGOR INTERNATIONAL  
STATION STATION NAME

73-81

PERIOD

ALL  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	98.9	93.7	82.0	63.4	43.6	27.5	14.4	68.1	5943
FEB		100.0	100.0	98.3	89.1	73.5	55.7	36.5	20.7	9.5	63.8	5395
MAR		100.0	99.7	96.6	86.9	71.8	55.4	39.0	25.9	14.3	64.8	5949
APR		100.0	99.2	93.9	84.1	70.9	55.8	40.3	27.2	17.5	67.9	5756
MAY		100.0	99.0	93.9	83.9	72.5	60.8	48.4	35.0	20.1	67.3	5939
JUN		100.0	100.0	99.0	94.4	86.4	77.0	65.4	50.3	27.7	76.2	5759
JUL		100.0	100.0	99.8	96.7	87.3	77.2	64.1	47.9	22.7	75.7	5952
AUG		100.0	100.0	99.7	96.6	88.5	77.7	66.4	51.3	28.1	77.1	5943
SEP		100.0	100.0	99.7	96.8	88.3	78.2	65.1	46.5	24.1	76.0	5752
OCT		100.0	100.0	99.4	95.8	86.8	73.3	57.5	38.8	18.1	72.8	5950
NOV		100.0	100.0	99.7	96.3	84.3	68.9	52.0	36.1	19.5	71.4	5756
DEC		100.0	100.0	99.3	95.7	85.4	71.3	52.7	34.8	15.1	71.1	5915
TOTALS		100.0	99.8	98.2	92.5	81.5	67.9	52.6	36.8	18.5	70.7	70009

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

# PART F

# PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

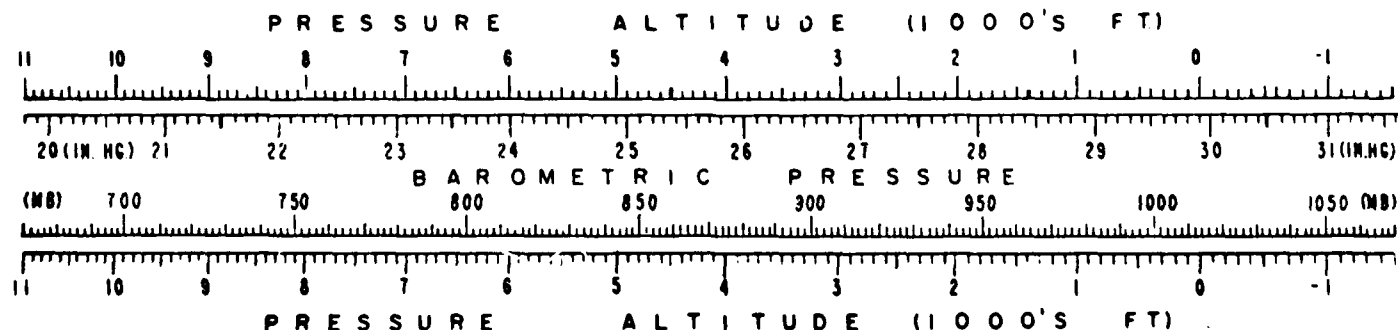
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATION

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14601 BANGOR INTERNATIONAL

73-81

STATION		STATION NAME												YEARS											
HRS	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
C1	MEAN	29.717	29.733	29.701	29.706	29.735	29.738	29.719	29.797	29.815	29.799	29.771	29.761	29.74											
	S D	.366	.314	.316	.261	.186	.195	.163	.142	.214	.262	.309	.357	.26											
	TOTAL OBS	245	226	248	240	248	240	248	248	240	248	240	248	292											
C4	MEAN	29.719	29.730	29.694	29.701	29.735	29.739	29.720	29.797	29.813	29.795	29.772	29.763	29.74											
	S D	.367	.323	.322	.265	.192	.197	.166	.143	.217	.268	.313	.357	.27											
	TOTAL OBS	246	226	248	240	248	240	248	248	240	247	240	248	292											
C7	MEAN	29.734	29.747	29.714	29.726	29.756	29.762	29.742	29.822	29.838	29.816	29.788	29.777	29.76											
	S D	.365	.326	.330	.269	.197	.199	.168	.148	.217	.271	.320	.359	.27											
	TOTAL OBS	245	226	248	240	248	240	248	248	240	247	240	248	292											
10	MEAN	29.751	29.751	29.711	29.714	29.744	29.757	29.733	29.817	29.835	29.819	29.794	29.793	29.76											
	S D	.367	.329	.332	.268	.196	.196	.164	.150	.216	.269	.322	.362	.27											
	TOTAL OBS	245	226	248	240	248	240	248	248	240	248	240	248	292											
13	MEAN	29.694	29.702	29.671	29.678	29.712	29.734	29.710	29.788	29.800	29.779	29.749	29.740	29.73											
	S D	.361	.318	.325	.260	.189	.192	.161	.147	.208	.257	.313	.358	.27											
	TOTAL OBS	245	226	248	240	248	240	248	248	240	248	240	248	292											
16	MEAN	29.698	29.697	29.660	29.666	29.698	29.717	29.694	29.770	29.785	29.774	29.754	29.747	29.72											
	S D	.360	.304	.312	.251	.183	.190	.157	.142	.202	.251	.303	.354	.26											
	TOTAL OBS	245	226	248	239	248	240	248	248	240	248	240	248	292											
19	MEAN	29.719	29.731	29.689	29.693	29.719	29.727	29.706	29.784	29.805	29.796	29.779	29.768	29.74											
	S D	.367	.297	.309	.254	.173	.189	.152	.139	.207	.251	.297	.356	.26											
	TOTAL OBS	248	224	248	240	247	240	248	248	240	248	239	248	291											
22	MEAN	29.719	29.741	29.707	29.713	29.741	29.746	29.726	29.801	29.816	29.802	29.780	29.767	29.75											
	S D	.370	.301	.312	.256	.175	.194	.156	.138	.211	.260	.297	.359	.26											
	TOTAL OBS	245	225	247	240	247	240	248	248	240	248	240	248	291											
ALL HOURS	MEAN	29.719	29.729	29.693	29.700	29.730	29.740	29.719	29.797	29.813	29.798	29.773	29.764	29.74											
	S D	.365	.314	.320	.261	.187	.194	.161	.144	.212	.261	.309	.358	.27											
	TOTAL OBS	1984	1805	1983	1919	1982	1920	1984	1984	1920	1982	1919	1984	2336											

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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
BANGOR INTERNATIONAL/DOW AFB, MAINE. REVISED UNIFORM SUMMARY OF--ETC(11)  
NOV 81

UNCLASSIFIED USAFETAC/DS-81/105

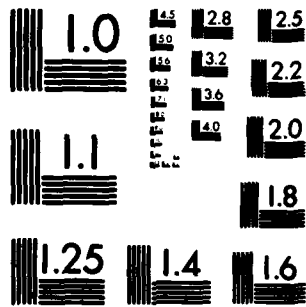
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14601 BANGOR INTERNATIONAL

73-81

STATION

STATION NAME

YEARS

HRS	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1014.11	1014.51	1013.41	1013.61	1014.51	1014.51	1013.91	1016.51	1017.11	1016.71	1015.81	1015.5	1015.0
	S D	12.520	10.710	10.787	8.890	6.339	6.644	5.559	4.821	7.319	8.976	10.520	12.211	9.183
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
04	MEAN	1014.11	1014.51	1013.21	1013.41	1014.51	1014.61	1013.91	1016.51	1017.11	1016.51	1015.71	1015.5	1015.0
	S D	12.542	11.041	10.977	9.001	6.537	6.678	5.636	4.901	7.403	9.176	10.627	12.205	9.298
	TOTAL OBS	248	226	248	240	248	240	248	248	240	247	240	248	2921
07	MEAN	1014.61	1015.01	1013.91	1014.21	1015.21	1015.31	1014.61	1017.31	1017.91	1017.31	1016.31	1016.1	1015.6
	S D	12.499	11.135	11.244	9.153	6.670	6.737	5.711	5.072	7.393	9.236	10.849	12.288	9.402
	TOTAL OBS	248	226	248	240	248	240	248	248	240	247	240	248	2921
10	MEAN	1015.21	1015.21	1013.81	1013.91	1014.81	1015.11	1014.31	1017.21	1017.81	1017.41	1016.51	1016.6	1015.7
	S D	12.543	11.268	11.330	9.104	6.658	6.659	5.597	5.110	7.362	9.192	10.971	12.412	9.446
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
13	MEAN	1013.31	1013.61	1012.41	1012.61	1013.71	1014.41	1013.51	1016.21	1016.71	1016.01	1015.01	1014.8	1014.3
	S D	12.305	10.907	11.080	8.840	6.436	6.533	5.485	5.033	7.127	8.782	10.692	12.278	9.221
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
16	MEAN	1013.41	1013.41	1012.01	1012.21	1013.31	1013.81	1013.01	1015.61	1016.11	1015.81	1015.21	1015.0	1014.1
	S D	12.297	10.392	10.641	8.549	6.153	6.513	5.353	4.879	6.899	8.567	10.391	12.129	8.999
	TOTAL OBS	248	226	248	239	248	240	248	248	240	248	240	248	2921
19	MEAN	1014.01	1014.51	1013.01	1013.21	1013.81	1014.11	1013.31	1016.01	1016.81	1016.61	1016.01	1015.8	1014.8
	S D	12.528	10.260	10.566	8.522	5.843	6.435	5.277	4.742	7.047	8.562	10.214	12.155	8.964
	TOTAL OBS	248	224	248	240	247	240	248	248	240	248	239	248	2918
22	MEAN	1014.11	1014.91	1013.61	1013.81	1014.71	1014.81	1014.01	1016.61	1017.11	1016.81	1016.11	1015.7	1015.2
	S D	12.637	10.340	10.673	8.732	5.952	6.590	5.296	4.714	7.219	8.863	10.179	12.273	9.053
	TOTAL OBS	248	225	247	240	247	240	248	248	240	248	240	248	2919
ALL HOURS	MEAN	1014.11	1014.41	1013.21	1013.41	1014.31	1014.61	1013.81	1016.51	1017.11	1016.61	1015.81	1015.6	1015.0
	S D	12.476	10.760	10.913	8.858	6.348	6.604	5.504	4.931	7.231	8.921	10.551	12.234	9.211
	TOTAL OBS	1984	1805	1983	1919	1982	1920	1984	1984	1920	1982	1919	1984	23366

END

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